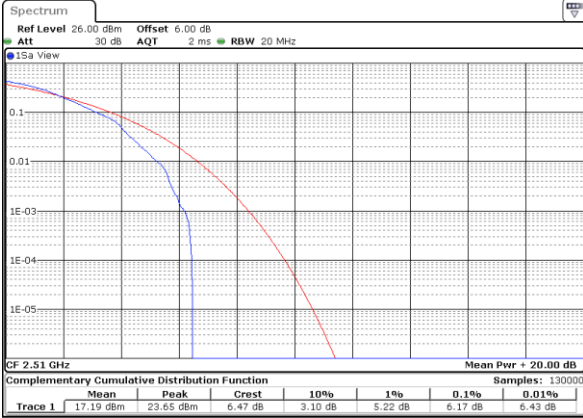




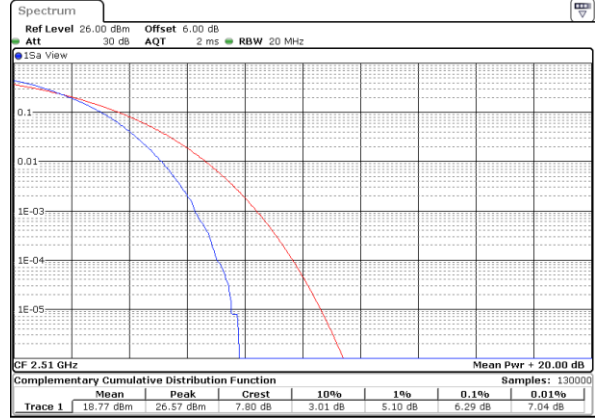
LTE Band 7 / 20MHz / 64QAM

Lowest Channel / 1RB



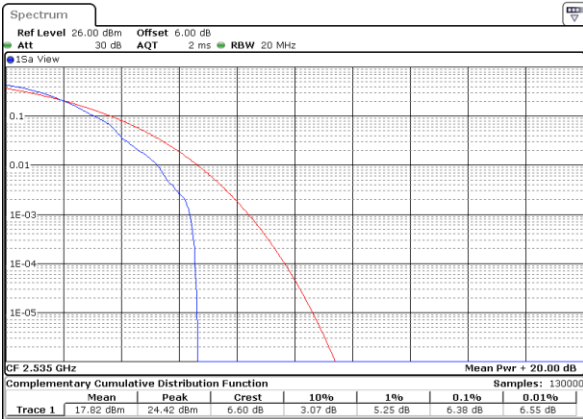
Date: 8 AUG 2020 15:04:58

Lowest Channel / Full RB



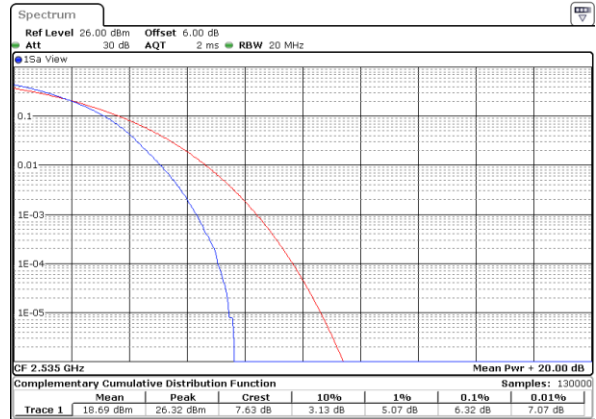
Date: 8 AUG 2020 15:05:08

Middle Channel / 1RB



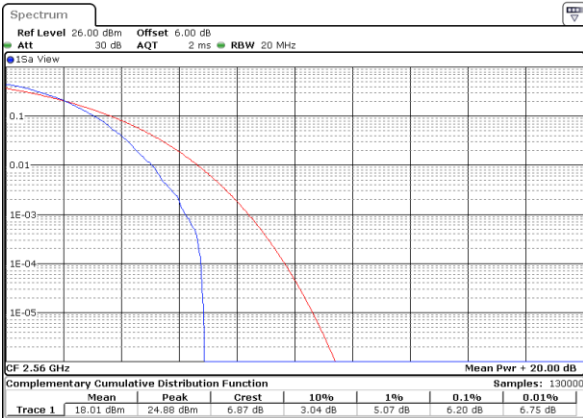
Date: 8 AUG 2020 15:05:19

Middle Channel / Full RB



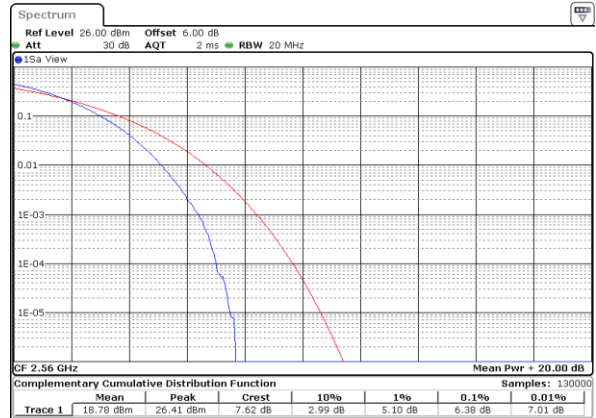
Date: 8 AUG 2020 15:05:30

Highest Channel / 1RB



Date: 8 AUG 2020 15:05:41

Highest Channel / Full RB



Date: 8 AUG 2020 15:05:52



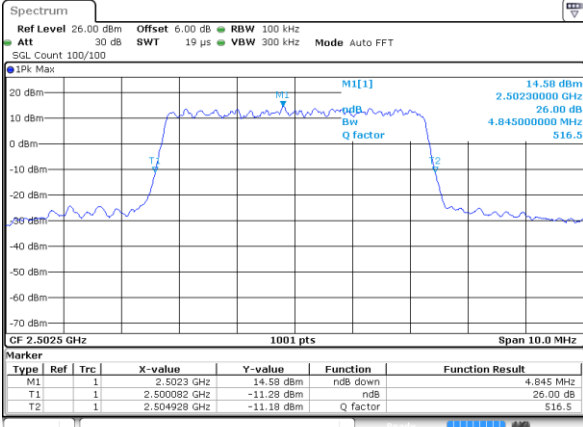
26dB Bandwidth

| Mode       | LTE Band 7 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -     | -     | 4.85  | 4.87  | 9.93  | 9.77  | 14.33 | 14.60 | 19.06 | 18.86 |
| Middle CH  | -                         | -     | -     | -     | 4.85  | 4.83  | 9.73  | 9.67  | 14.36 | 14.48 | 18.86 | 18.78 |
| Highest CH | -                         | -     | -     | -     | 4.86  | 4.85  | 9.65  | 9.63  | 14.27 | 14.21 | 19.22 | 19.18 |
| Mode       | LTE Band 7 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                         | -     | -     | -     | 4.84  | -     | 9.85  | -     | 14.21 | -     | 19.02 | -     |
| Middle CH  | -                         | -     | -     | -     | 4.79  | -     | 9.77  | -     | 14.27 | -     | 18.74 | -     |
| Highest CH | -                         | -     | -     | -     | 4.81  | -     | 9.77  | -     | 14.39 | -     | 18.90 | -     |



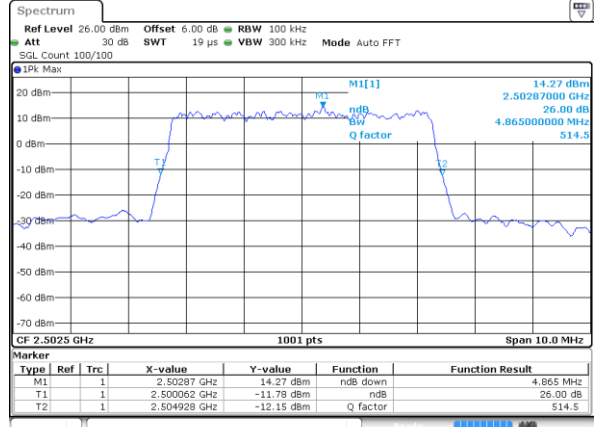
LTE Band 7

Lowest Channel / 5MHz / QPSK



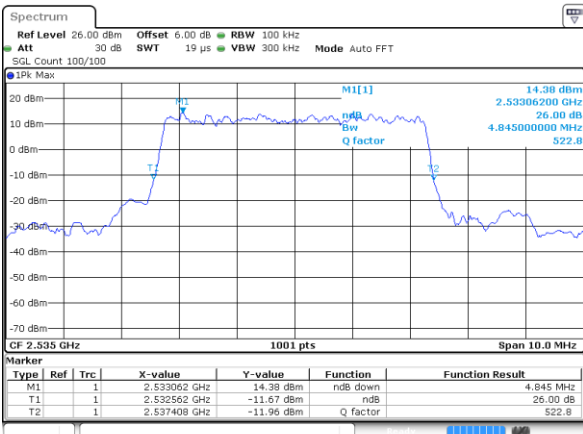
Date: 8 AUG 2020 13:42:34

Lowest Channel / 5MHz / 16QAM



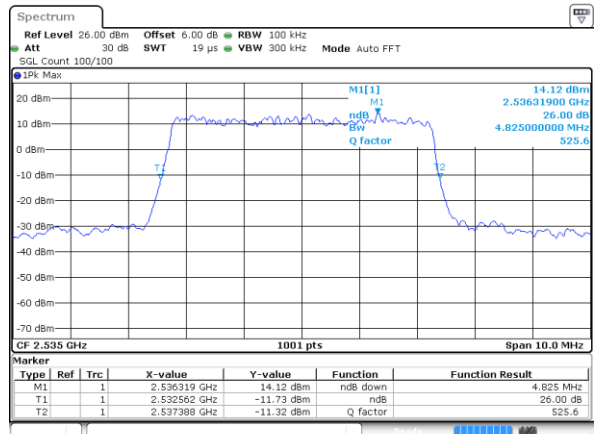
Date: 8 AUG 2020 13:42:45

Middle Channel / 5MHz / QPSK



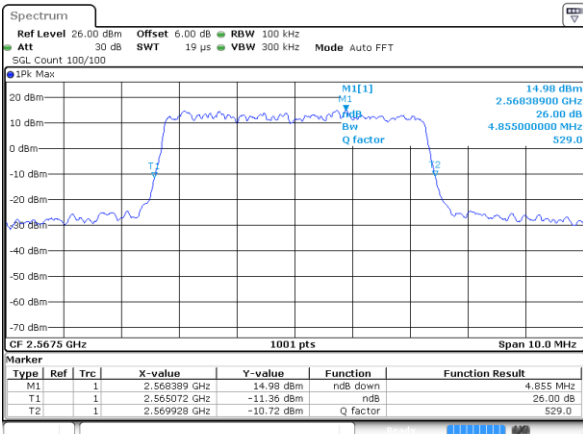
Date: 8 AUG 2020 13:47:12

Middle Channel / 5MHz / 16QAM



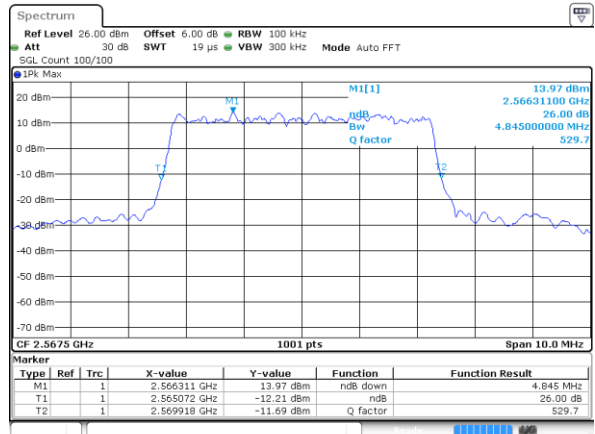
Date: 8 AUG 2020 13:47:24

Highest Channel / 5MHz / QPSK



Date: 8 AUG 2020 13:47:58

Highest Channel / 5MHz / 16QAM

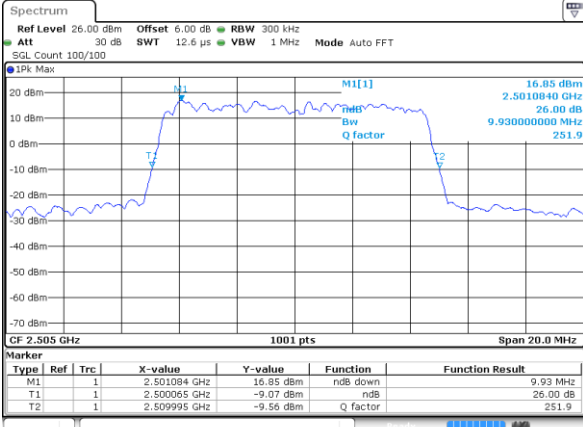


Date: 8 AUG 2020 13:48:09



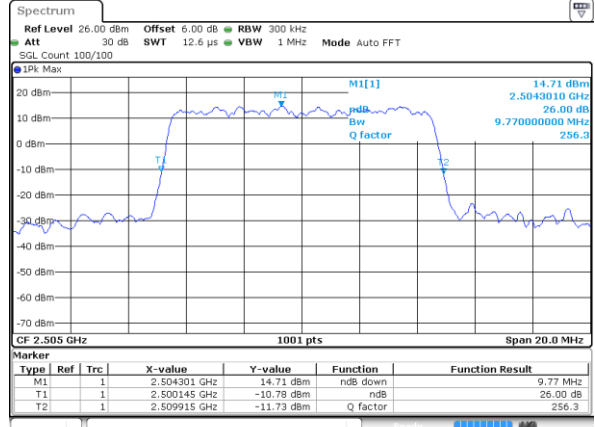
LTE Band 7

Lowest Channel / 10MHz / QPSK



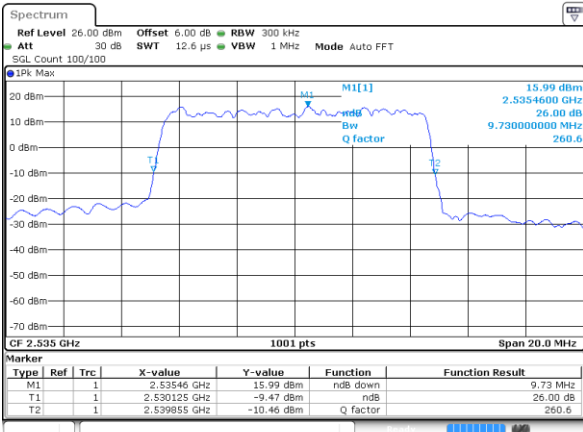
Date: 8 AUG 2020 13:57:37

Lowest Channel / 10MHz / 16QAM



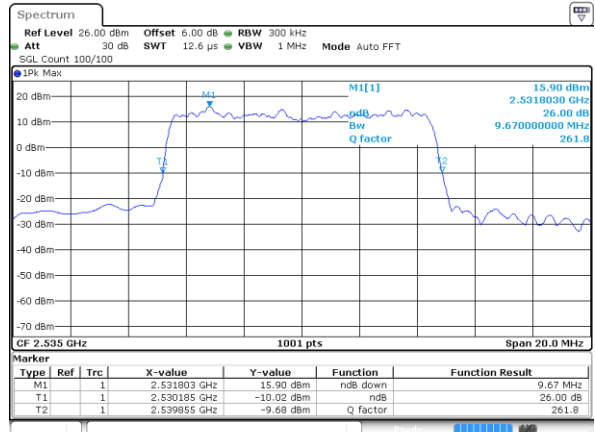
Date: 8 AUG 2020 13:57:48

Middle Channel / 10MHz / QPSK



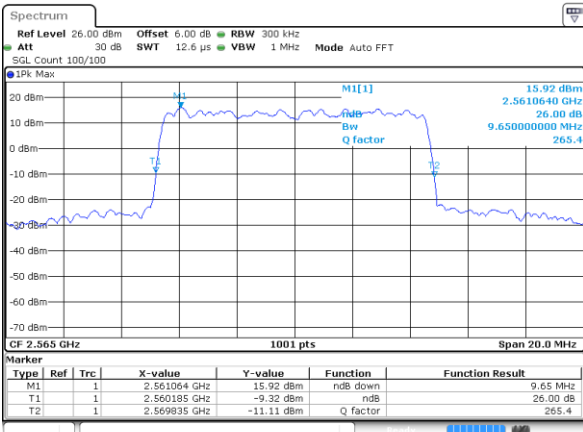
Date: 8 AUG 2020 14:02:13

Middle Channel / 10MHz / 16QAM



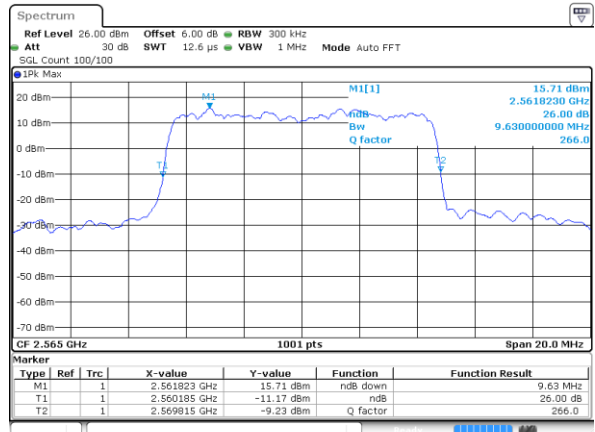
Date: 8 AUG 2020 14:02:24

Highest Channel / 10MHz / QPSK



Date: 8 AUG 2020 14:02:58

Highest Channel / 10MHz / 16QAM

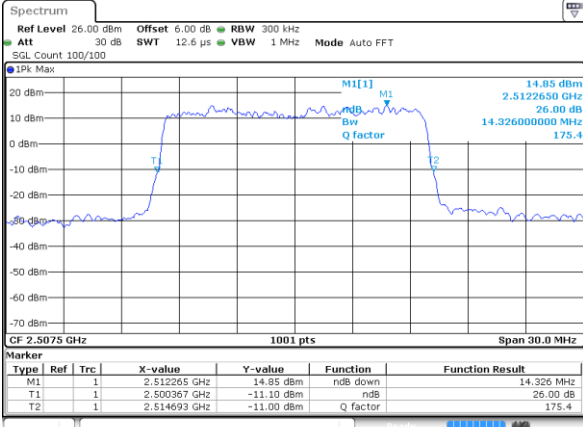


Date: 8 AUG 2020 14:03:10



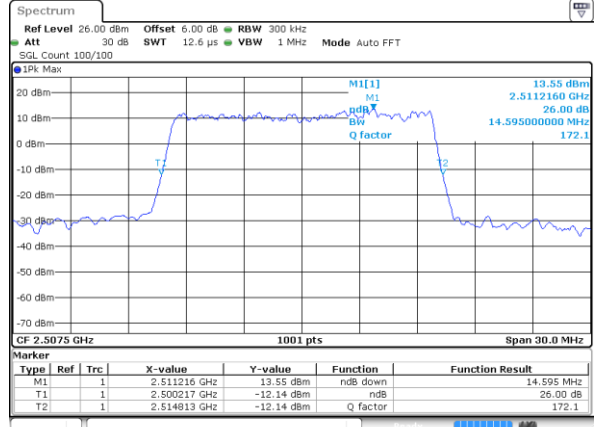
LTE Band 7

Lowest Channel / 15MHz / QPSK



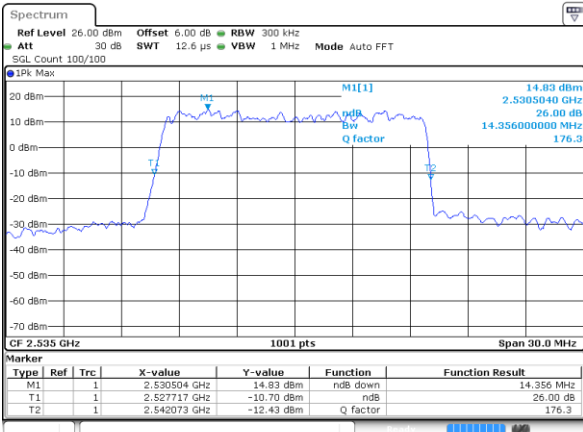
Date: 8 AUG 2020 14:12:36

Lowest Channel / 15MHz / 16QAM



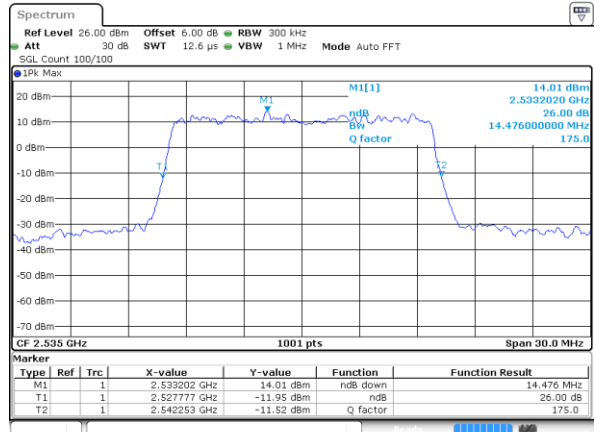
Date: 8 AUG 2020 14:12:47

Middle Channel / 15MHz / QPSK



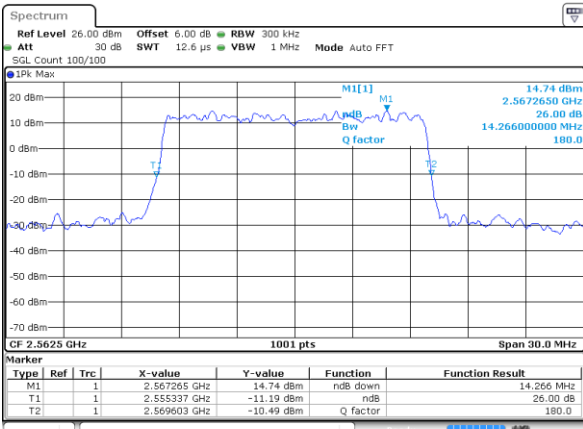
Date: 8 AUG 2020 14:17:14

Middle Channel / 15MHz / 16QAM



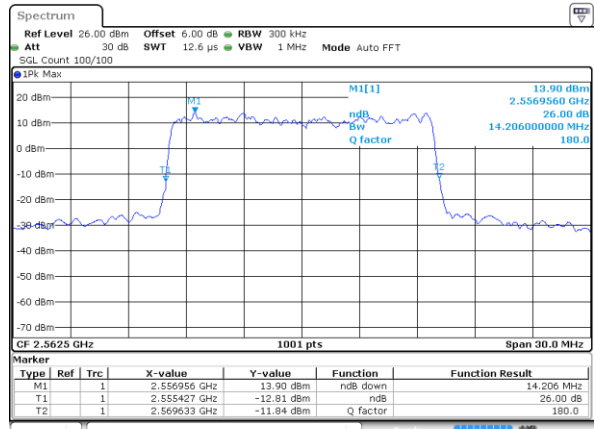
Date: 8 AUG 2020 14:17:26

Highest Channel / 15MHz / QPSK



Date: 8 AUG 2020 14:17:59

Highest Channel / 15MHz / 16QAM

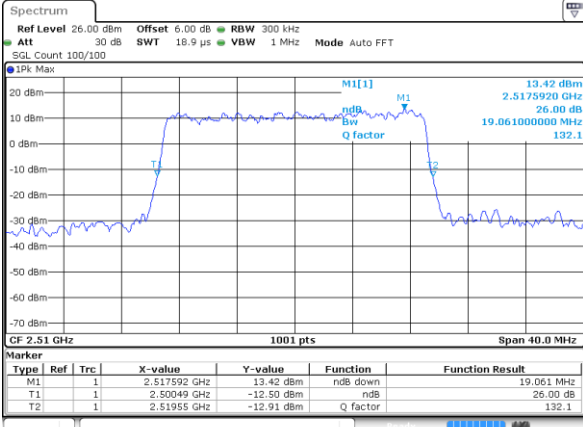


Date: 8 AUG 2020 14:18:11



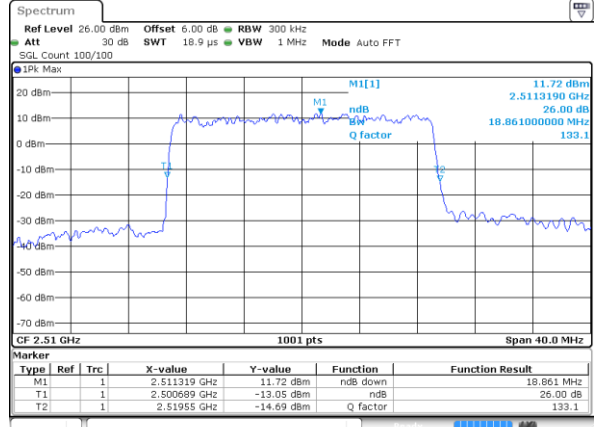
LTE Band 7

Lowest Channel / 20MHz / QPSK



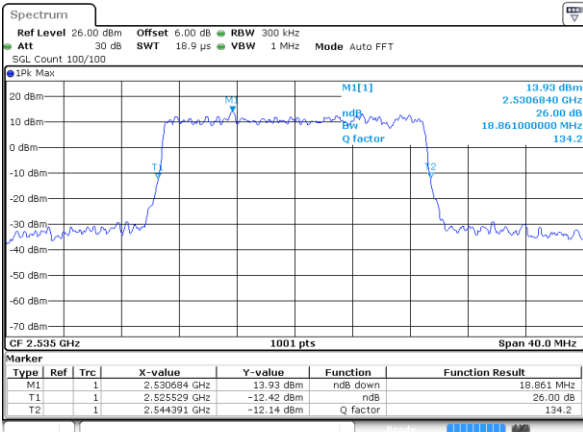
Date: 8 AUG 2020 14:27:37

Lowest Channel / 20MHz / 16QAM



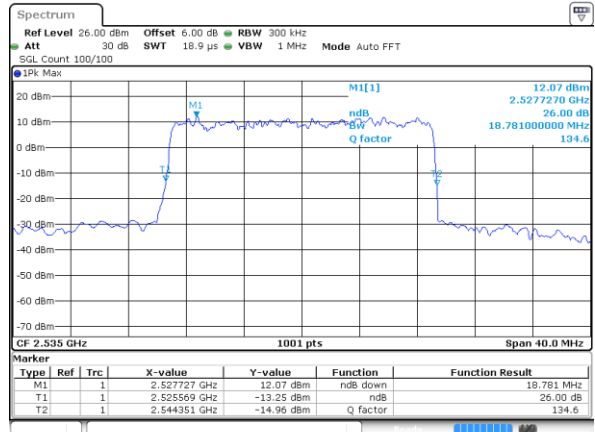
Date: 8 AUG 2020 14:27:48

Middle Channel / 20MHz / QPSK



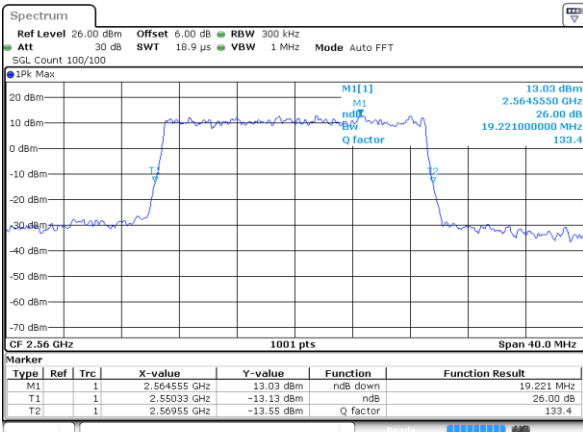
Date: 8 AUG 2020 14:44:16

Middle Channel / 20MHz / 16QAM



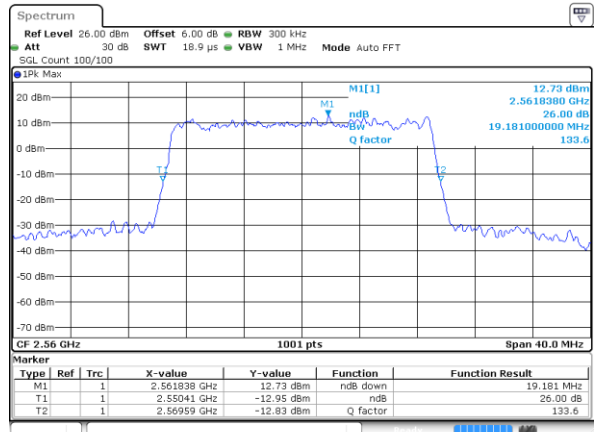
Date: 8 AUG 2020 14:44:28

Highest Channel / 20MHz / QPSK



Date: 8 AUG 2020 14:47:32

Highest Channel / 20MHz / 16QAM

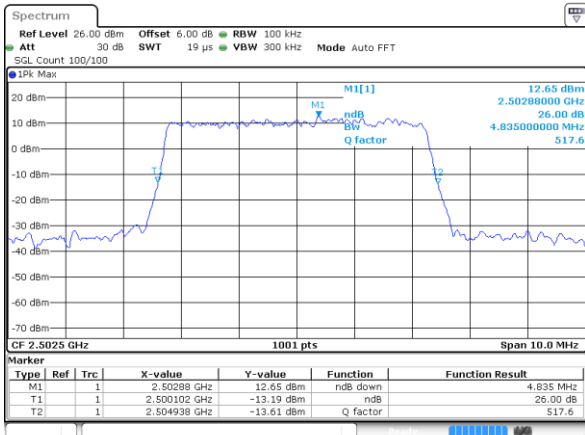


Date: 8 AUG 2020 14:47:43



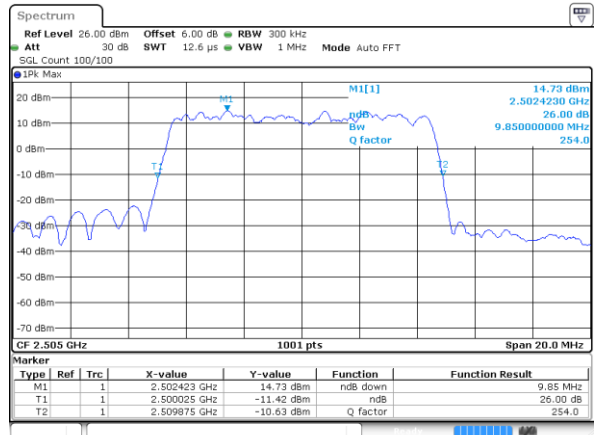
LTE Band 7

Lowest Channel / 5MHz / 64QAM



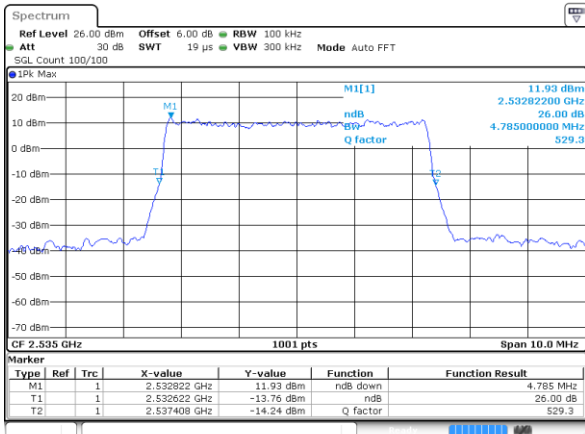
Date: 8 AUG 2020 13:52:24

Lowest Channel / 10MHz / 64QAM



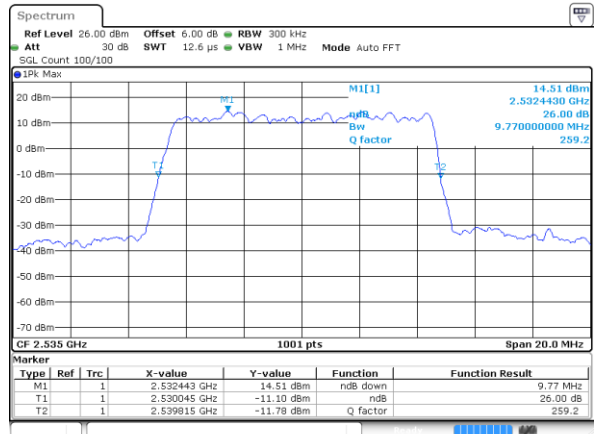
Date: 8 AUG 2020 14:07:24

Middle Channel / 5MHz / 64QAM



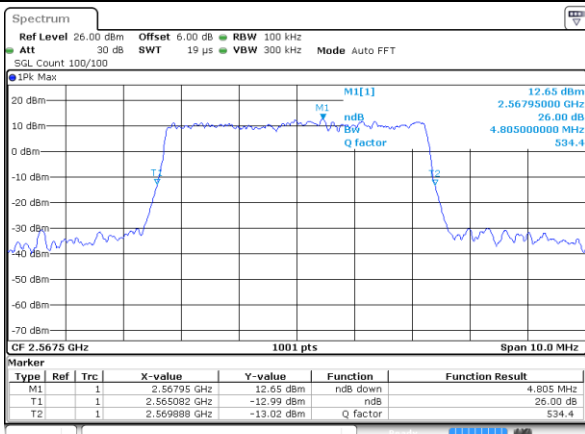
Date: 8 AUG 2020 13:54:43

Middle Channel / 10MHz / 64QAM



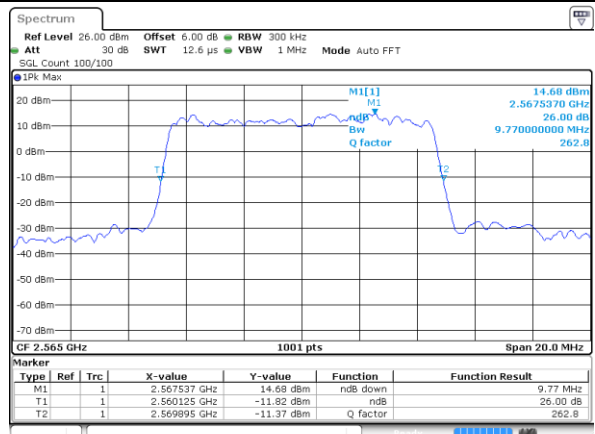
Date: 8 AUG 2020 14:09:43

Highest Channel / 5MHz / 64QAM



Date: 8 AUG 2020 13:55:05

Highest Channel / 10MHz / 64QAM

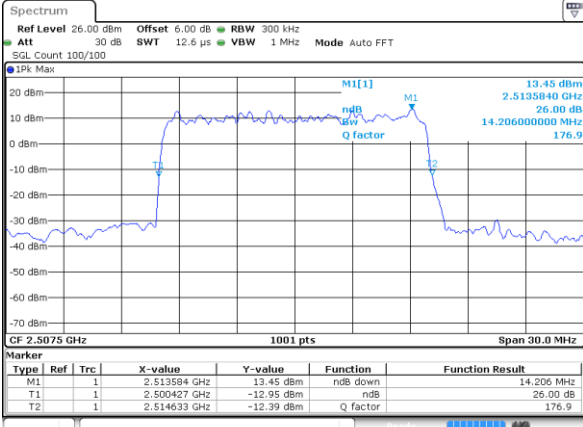


Date: 8 AUG 2020 14:10:06



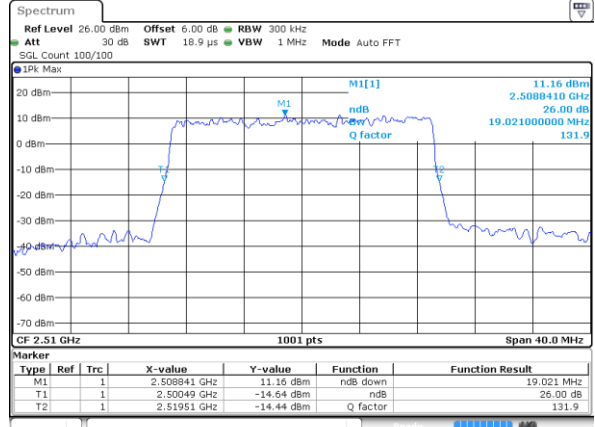
LTE Band 7

Lowest Channel / 15MHz / 64QAM



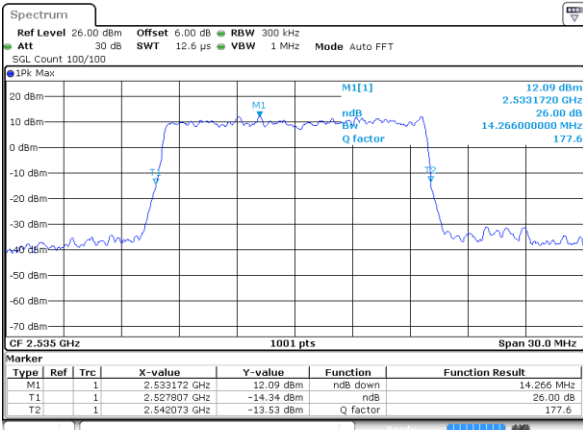
Date: 8 AUG 2020 14:22:26

Lowest Channel / 20MHz / 64QAM



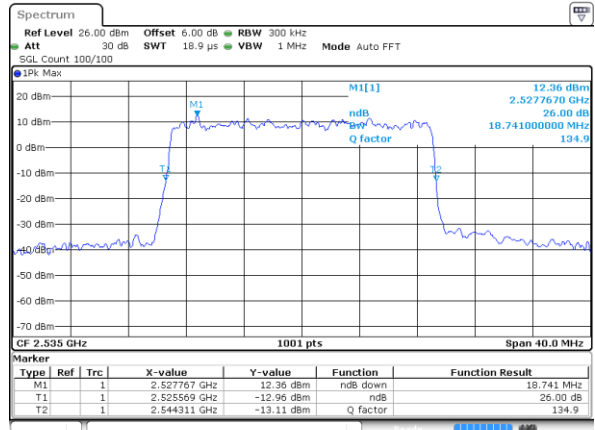
Date: 8 AUG 2020 14:54:15

Middle Channel / 15MHz / 64QAM



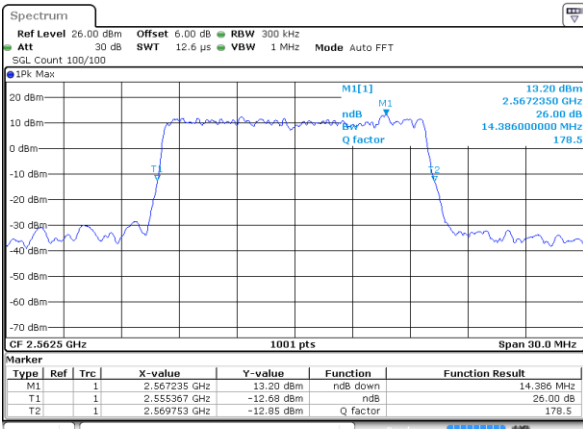
Date: 8 AUG 2020 14:24:45

Middle Channel / 20MHz / 64QAM



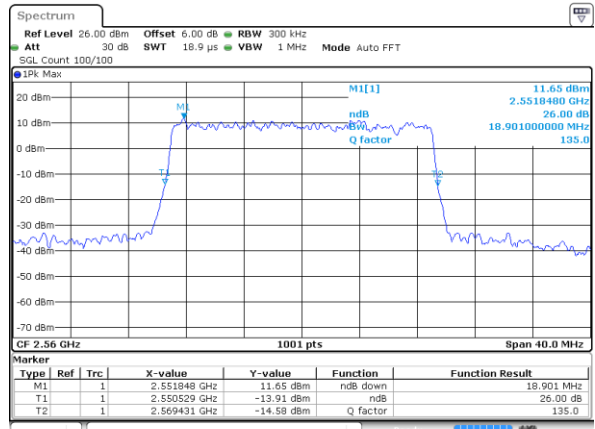
Date: 8 AUG 2020 14:57:19

Highest Channel / 15MHz / 64QAM



Date: 8 AUG 2020 14:25:08

Highest Channel / 20MHz / 64QAM



Date: 8 AUG 2020 14:59:34





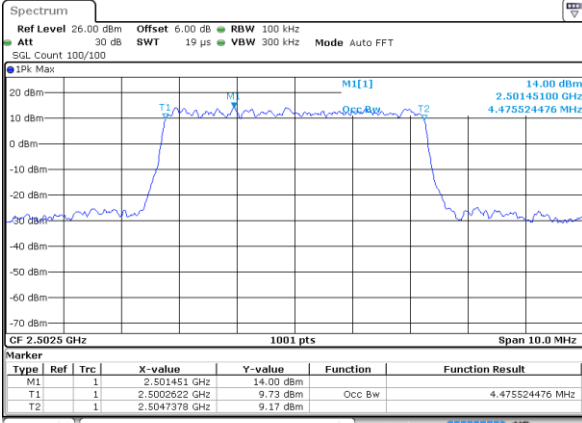
### Occupied Bandwidth

| Mode       | LTE Band 7 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                        | -     | -     | -     | 4.48  | 4.50  | 9.01  | 9.03  | 13.46 | 13.43 | 17.90 | 17.90 |
| Middle CH  | -                        | -     | -     | -     | 4.48  | 4.50  | 9.05  | 9.05  | 13.43 | 13.46 | 17.86 | 17.94 |
| Highest CH | -                        | -     | -     | -     | 4.48  | 4.49  | 9.03  | 8.99  | 13.43 | 13.52 | 17.94 | 17.94 |
| Mode       | LTE Band 7 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                   |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                    |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                        | -     | -     | -     | 4.48  | -     | 9.07  | -     | 13.43 | -     | 17.90 | -     |
| Middle CH  | -                        | -     | -     | -     | 4.49  | -     | 9.03  | -     | 13.40 | -     | 17.90 | -     |
| Highest CH | -                        | -     | -     | -     | 4.48  | -     | 8.97  | -     | 13.43 | -     | 17.86 | -     |



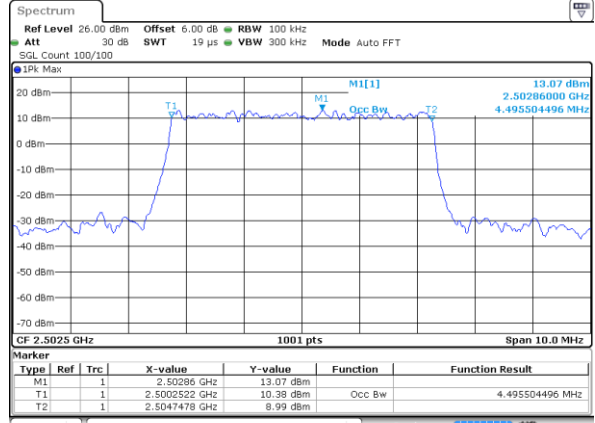
LTE Band 7

Lowest Channel / 5MHz / QPSK



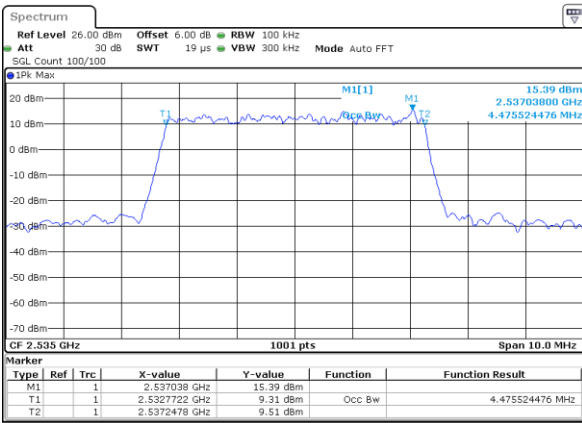
Date: 8 AUG 2020 13:42:11

Lowest Channel / 5MHz / 16QAM



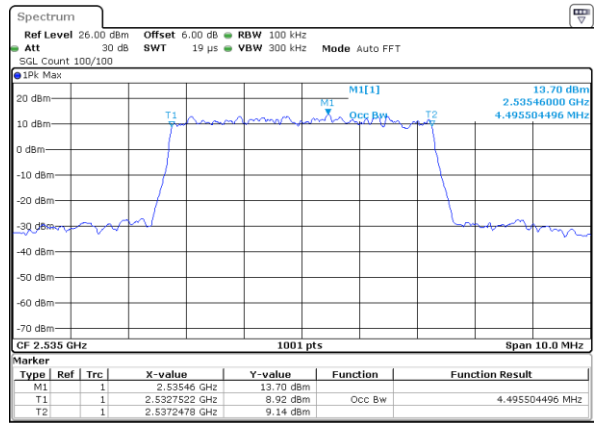
Date: 8 AUG 2020 13:42:22

Middle Channel / 5MHz / QPSK



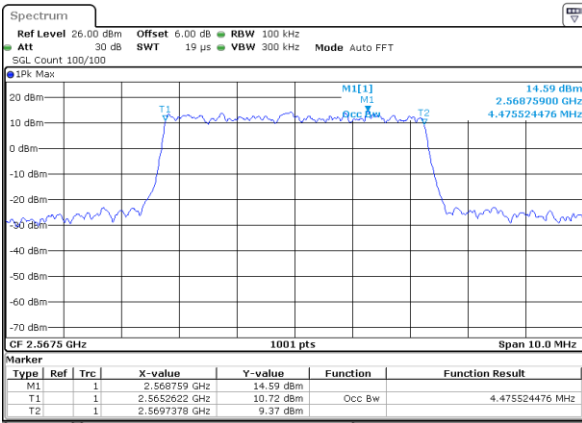
Date: 8 AUG 2020 13:46:50

Middle Channel / 5MHz / 16QAM



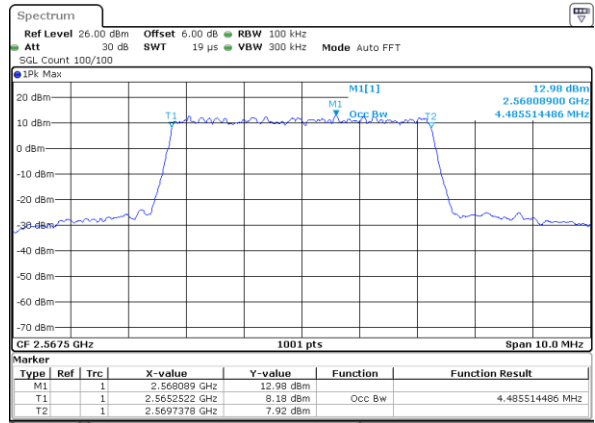
Date: 8 AUG 2020 13:47:01

Highest Channel / 5MHz / QPSK



Date: 8 AUG 2020 13:47:35

Highest Channel / 5MHz / 16QAM

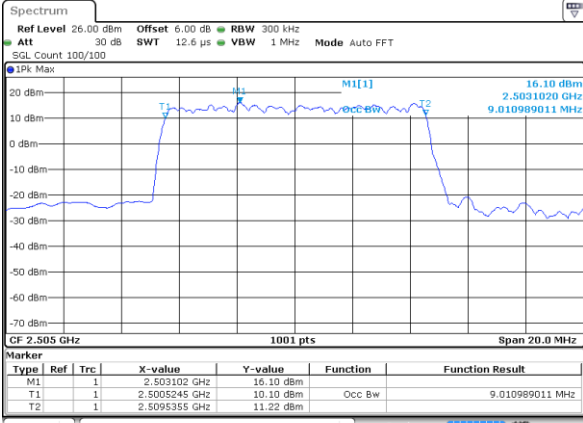


Date: 8 AUG 2020 13:47:47



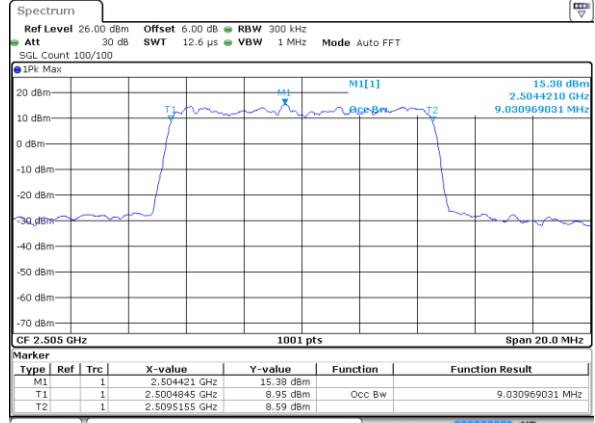
LTE Band 7

Lowest Channel / 10MHz / QPSK



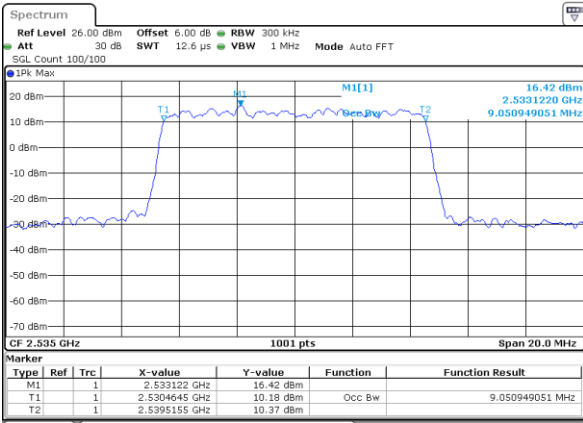
Date: 8 AUG 2020 13:57:15

Lowest Channel / 10MHz / 16QAM



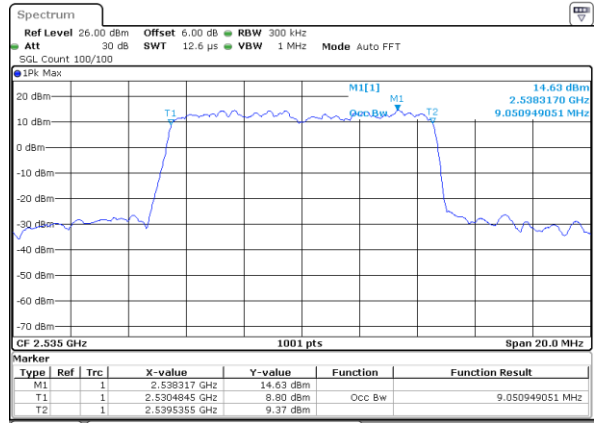
Date: 8 AUG 2020 13:57:26

Middle Channel / 10MHz / QPSK



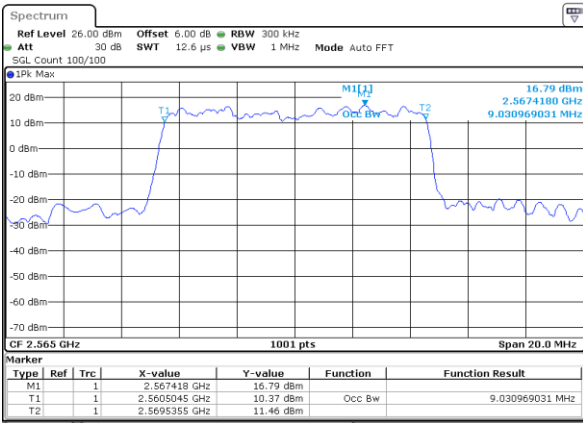
Date: 8 AUG 2020 14:01:51

Middle Channel / 10MHz / 16QAM



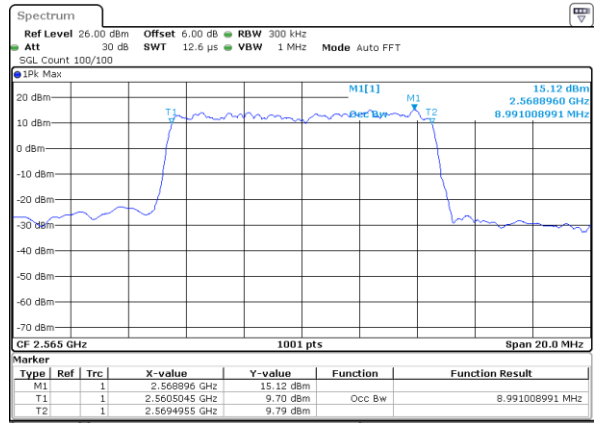
Date: 8 AUG 2020 14:02:02

Highest Channel / 10MHz / QPSK



Date: 8 AUG 2020 14:02:36

Highest Channel / 10MHz / 16QAM

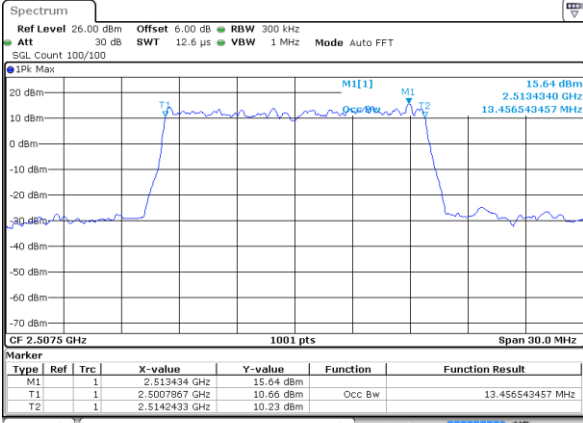


Date: 8 AUG 2020 14:02:47



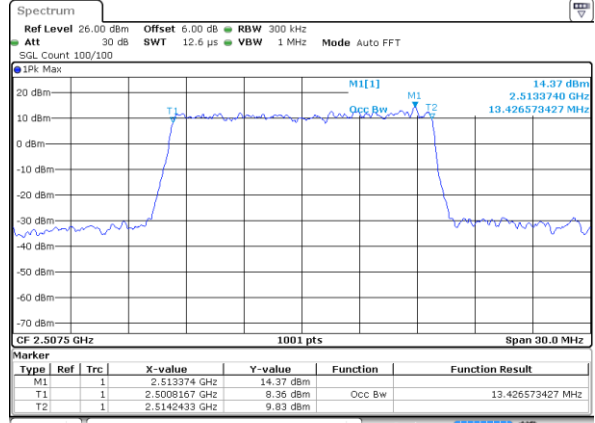
LTE Band 7

Lowest Channel / 15MHz / QPSK



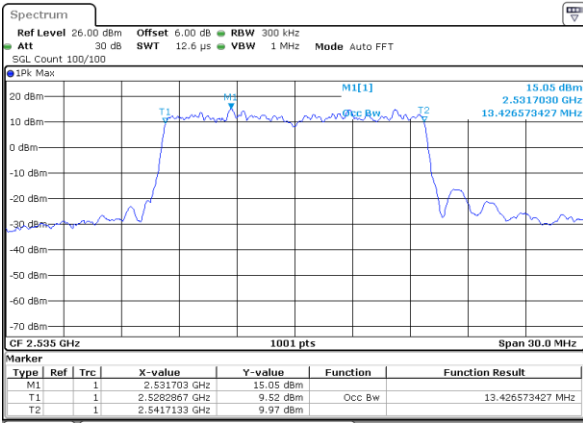
Date: 8 AUG 2020 14:12:13

Lowest Channel / 15MHz / 16QAM



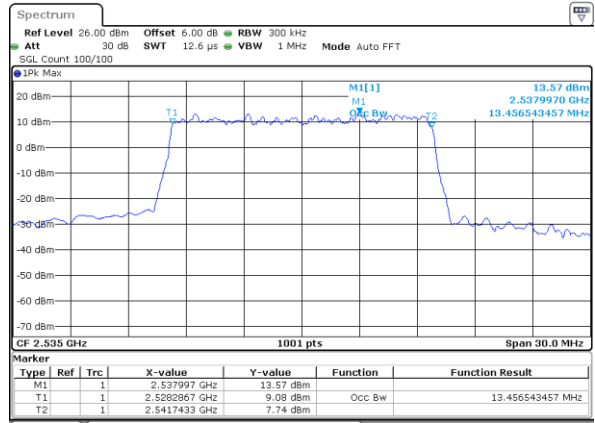
Date: 8 AUG 2020 14:12:24

Middle Channel / 15MHz / QPSK



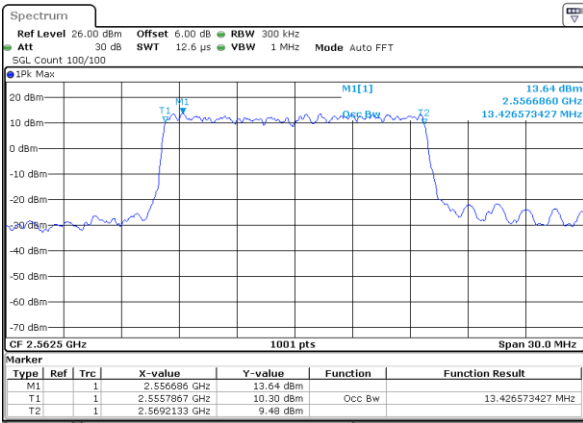
Date: 8 AUG 2020 14:16:52

Middle Channel / 15MHz / 16QAM



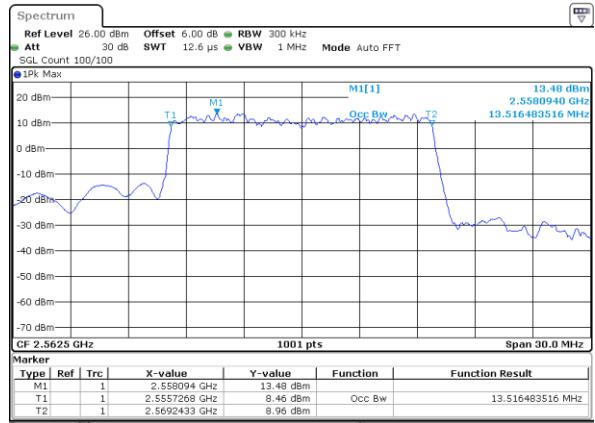
Date: 8 AUG 2020 14:17:03

Highest Channel / 15MHz / QPSK



Date: 8 AUG 2020 14:17:37

Highest Channel / 15MHz / 16QAM

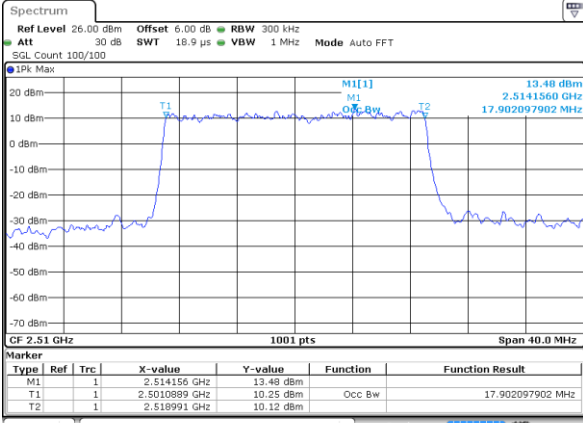


Date: 8 AUG 2020 14:17:48



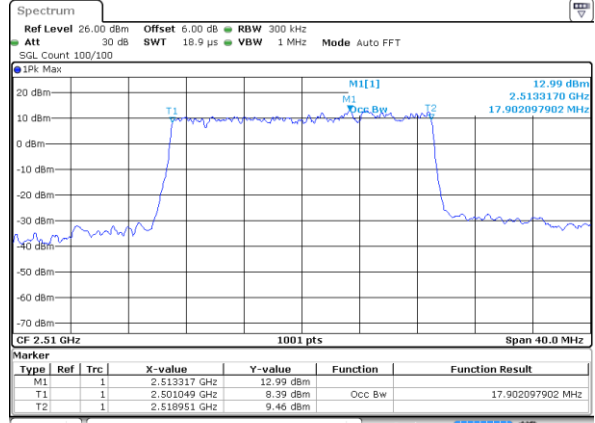
LTE Band 7

Lowest Channel / 20MHz / QPSK



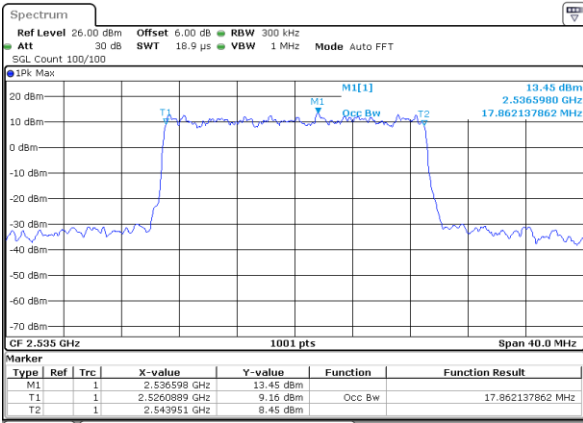
Date: 8 AUG 2020 14:27:15

Lowest Channel / 20MHz / 16QAM



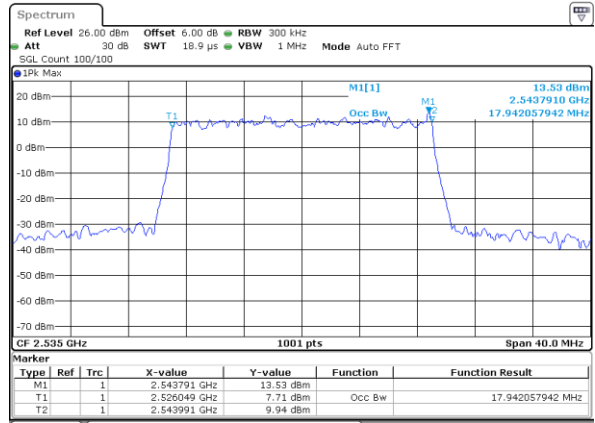
Date: 8 AUG 2020 14:27:26

Middle Channel / 20MHz / QPSK



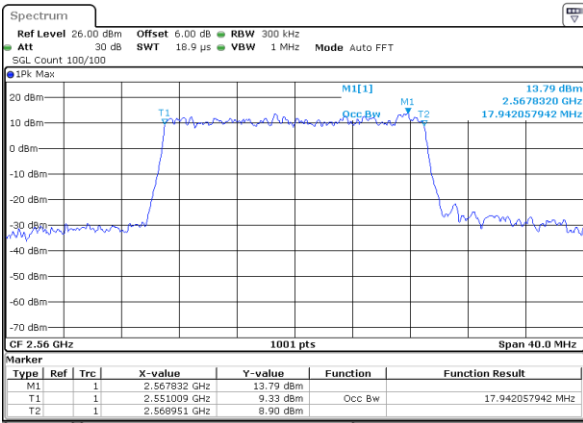
Date: 8 AUG 2020 14:43:54

Middle Channel / 20MHz / 16QAM



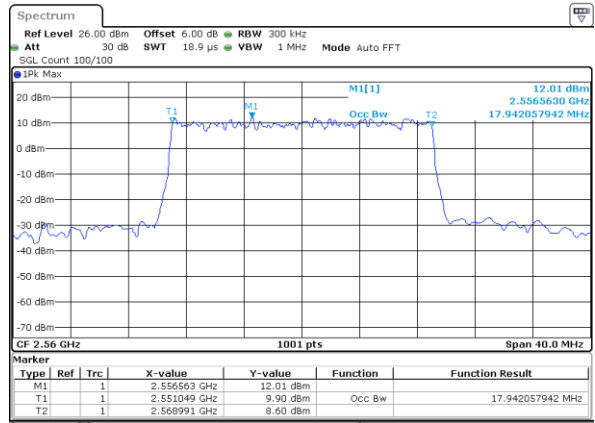
Date: 8 AUG 2020 14:44:05

Highest Channel / 20MHz / QPSK



Date: 8 AUG 2020 14:47:09

Highest Channel / 20MHz / 16QAM

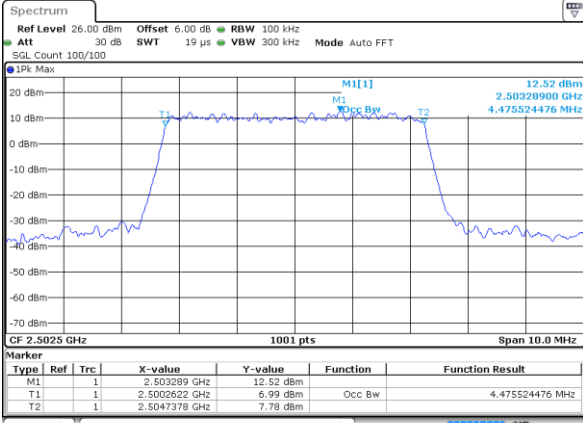


Date: 8 AUG 2020 14:47:20



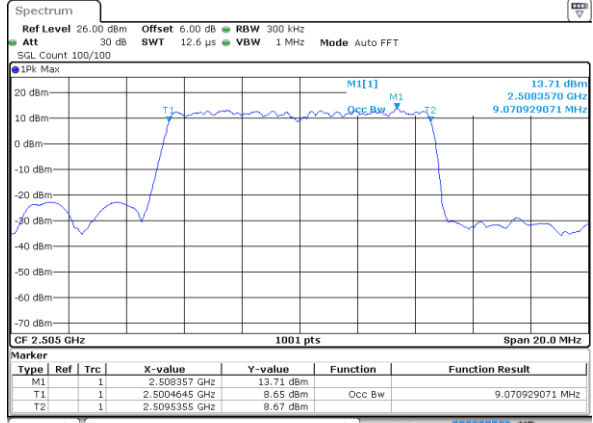
LTE Band 7

Lowest Channel / 5MHz / 64QAM



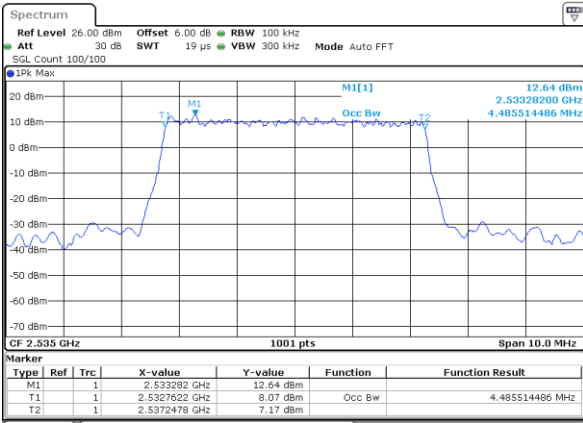
Date: 8 AUG 2020 13:52:13

Lowest Channel / 10MHz / 64QAM



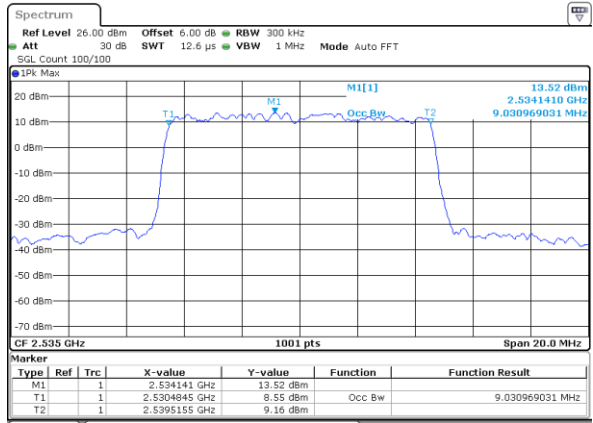
Date: 8 AUG 2020 14:07:13

Middle Channel / 5MHz / 64QAM



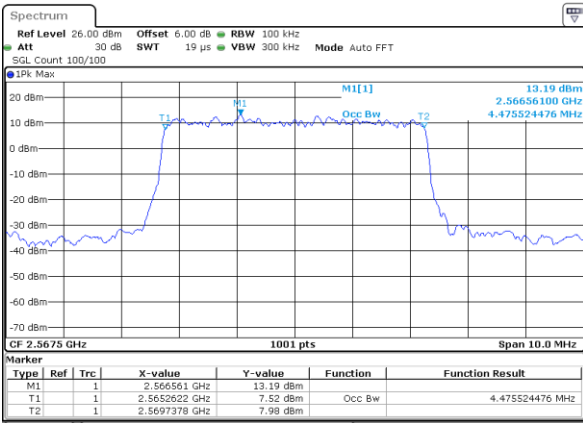
Date: 8 AUG 2020 13:54:32

Middle Channel / 10MHz / 64QAM



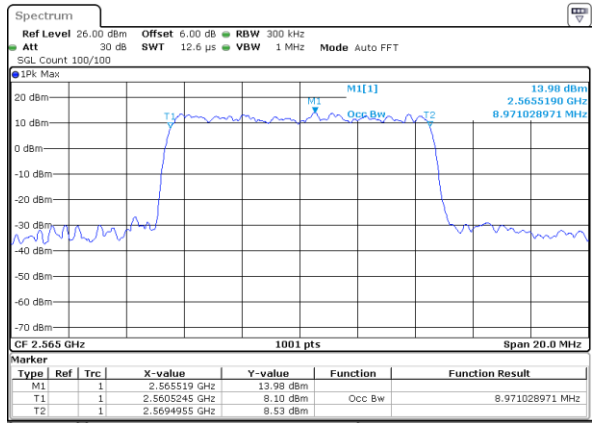
Date: 8 AUG 2020 14:09:32

Highest Channel / 5MHz / 64QAM



Date: 8 AUG 2020 13:54:54

Highest Channel / 10MHz / 64QAM

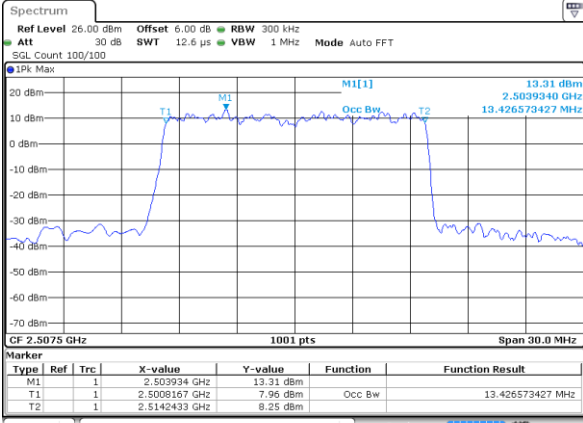


Date: 8 AUG 2020 14:09:54



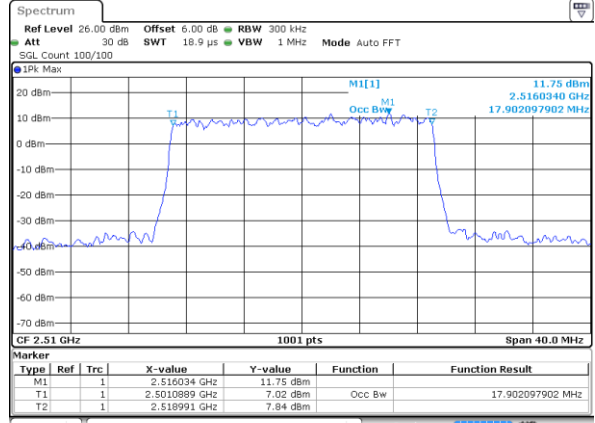
LTE Band 7

Lowest Channel / 15MHz / 64QAM



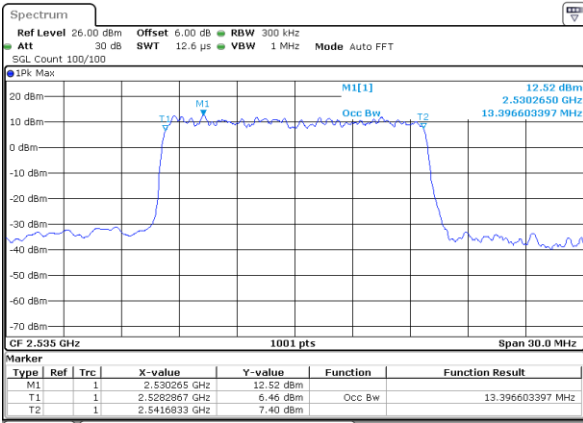
Date: 8 AUG 2020 14:22:14

Lowest Channel / 20MHz / 64QAM



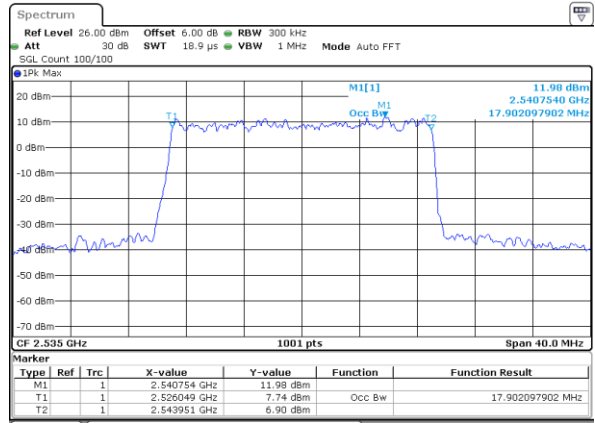
Date: 8 AUG 2020 14:54:03

Middle Channel / 15MHz / 64QAM



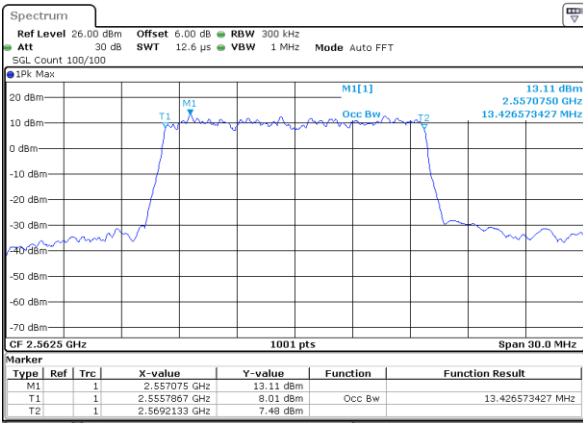
Date: 8 AUG 2020 14:24:34

Middle Channel / 20MHz / 64QAM



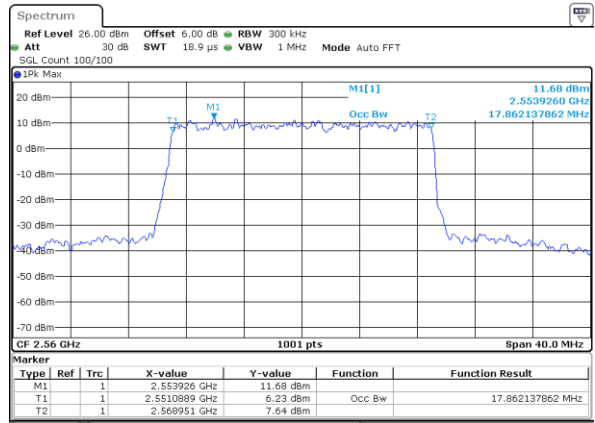
Date: 8 AUG 2020 14:57:08

Highest Channel / 15MHz / 64QAM



Date: 8 AUG 2020 14:24:56

Highest Channel / 20MHz / 64QAM



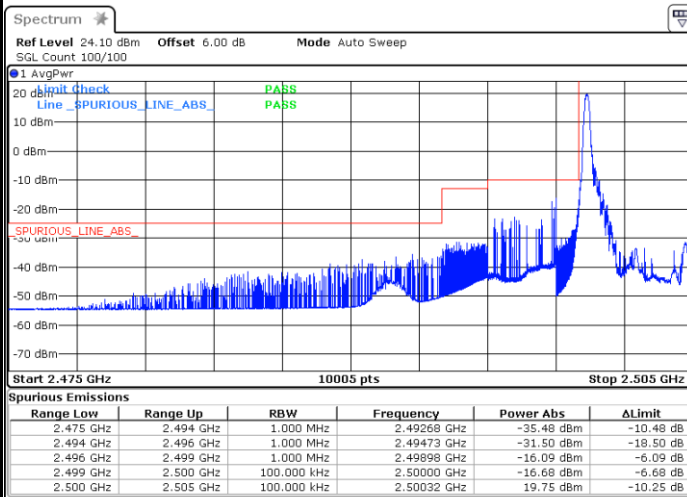
Date: 8 AUG 2020 14:59:23



# Conducted Band Edge

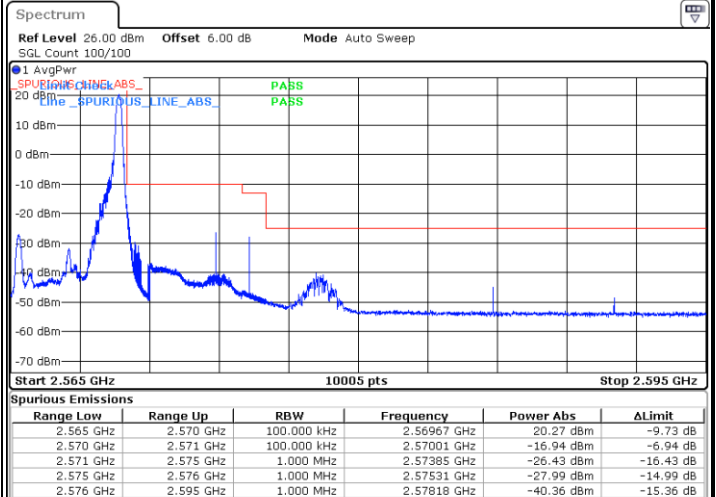
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



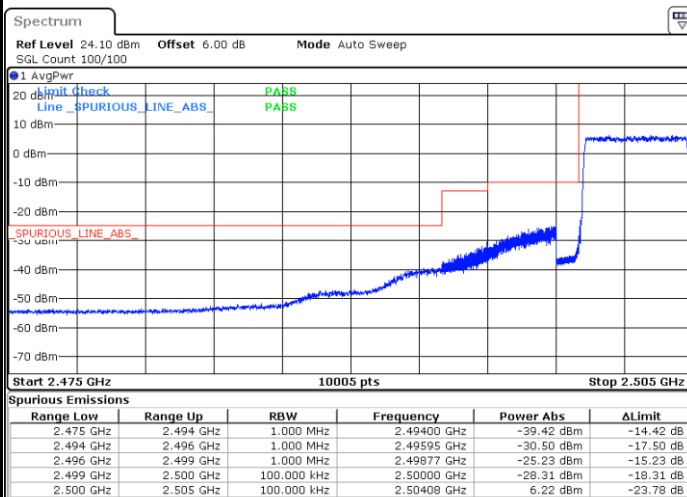
Date: 8 AUG 2020 15:07:50

### Highest Band Edge / 1 RB



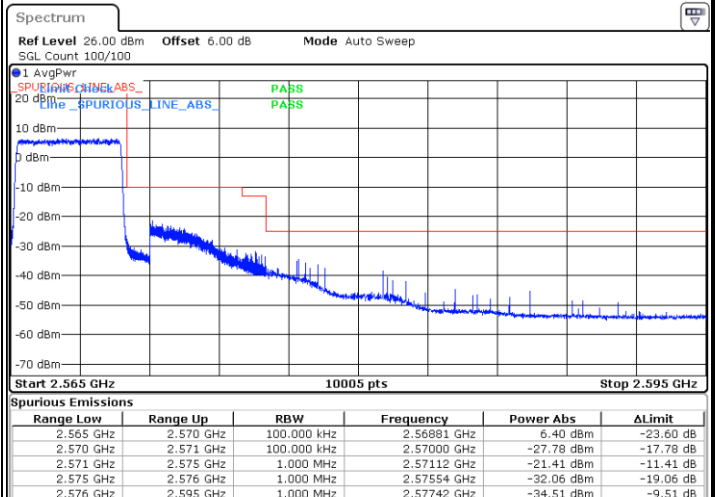
Date: 8 AUG 2020 13:49:08

### Lowest Band Edge / Full RB



Date: 8 AUG 2020 13:45:41

### Highest Band Edge / Full RB



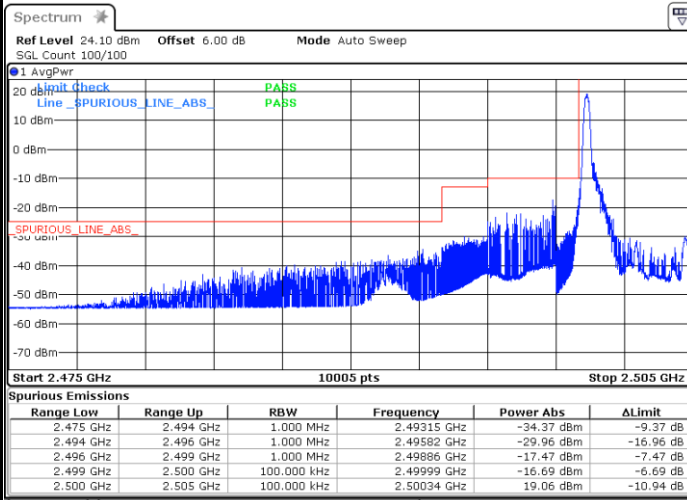
Date: 8 AUG 2020 13:51:04





LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



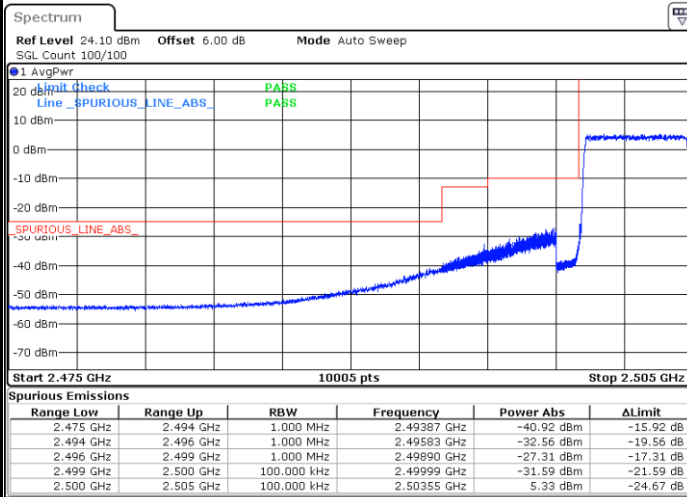
Date: 8 AUG 2020 15:07:11

Highest Band Edge / 1 RB



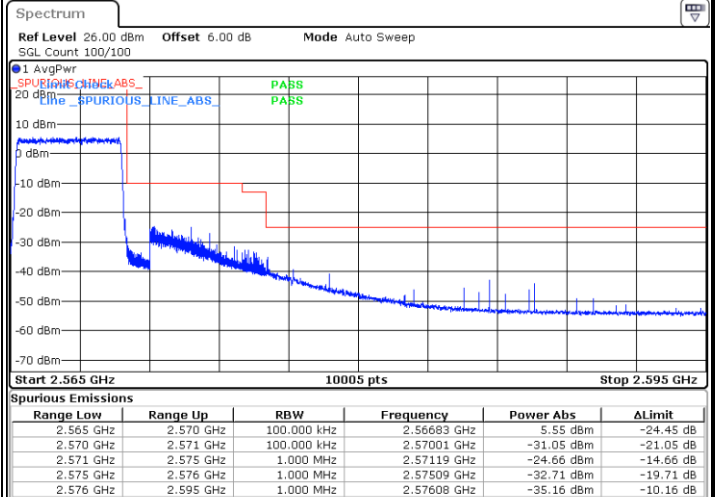
Date: 8 AUG 2020 13:50:06

Lowest Band Edge / Full RB



Date: 8 AUG 2020 13:46:39

Highest Band Edge / Full RB

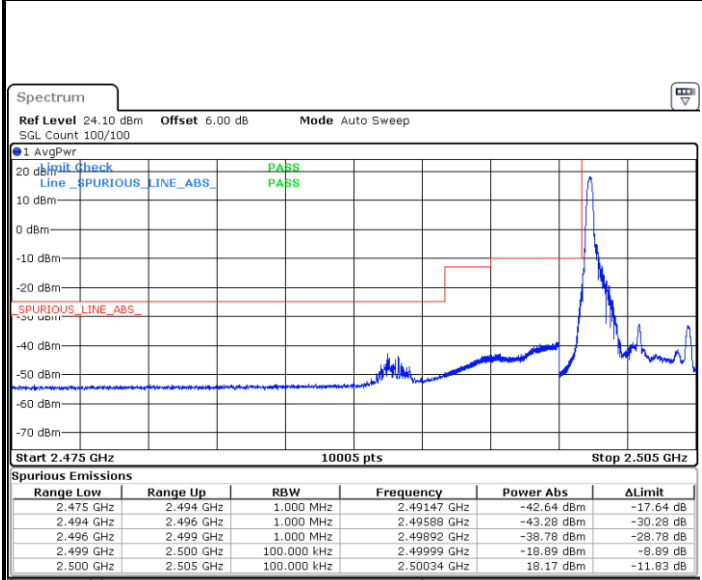


Date: 8 AUG 2020 13:52:02



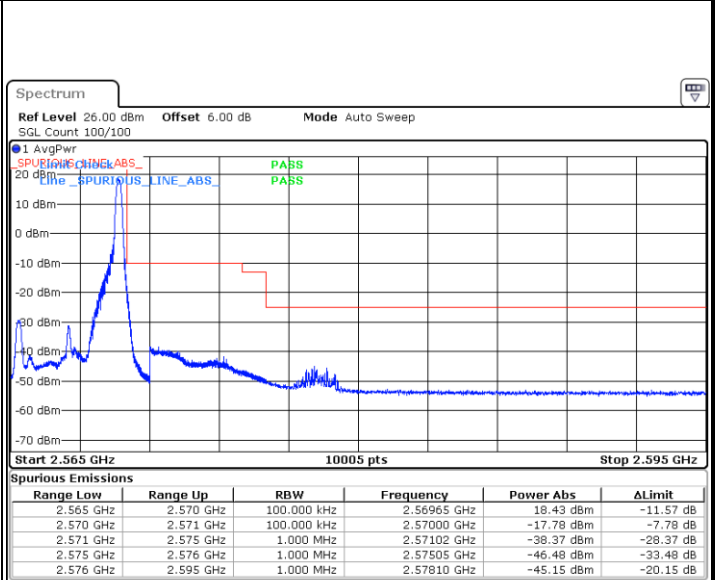
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



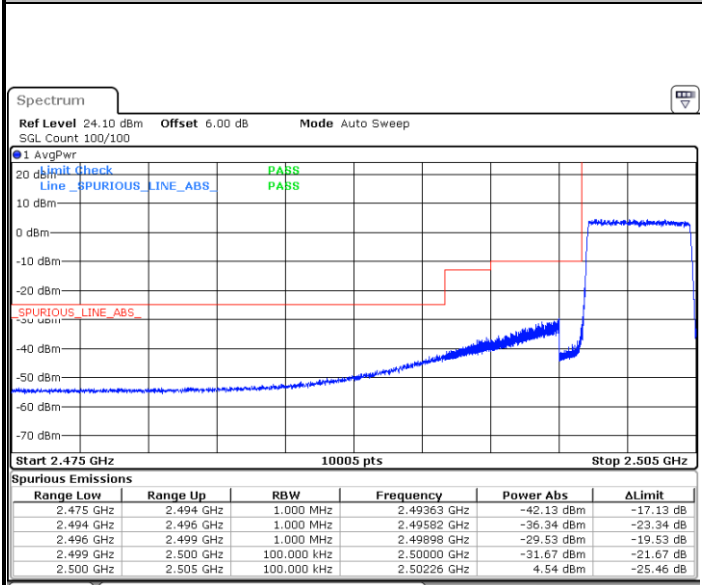
Date: 8 AUG 2020 13:53:23

Highest Band Edge / 1 RB



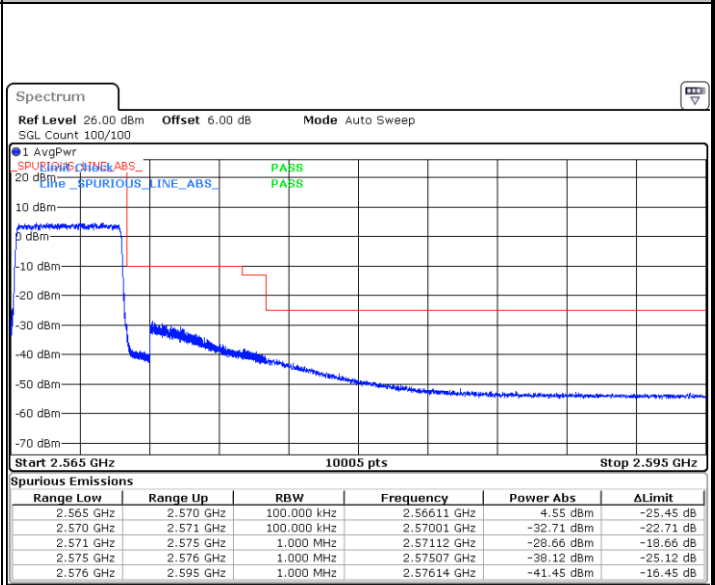
Date: 8 AUG 2020 13:56:04

Lowest Band Edge / Full RB



Date: 8 AUG 2020 13:54:21

Highest Band Edge / Full RB

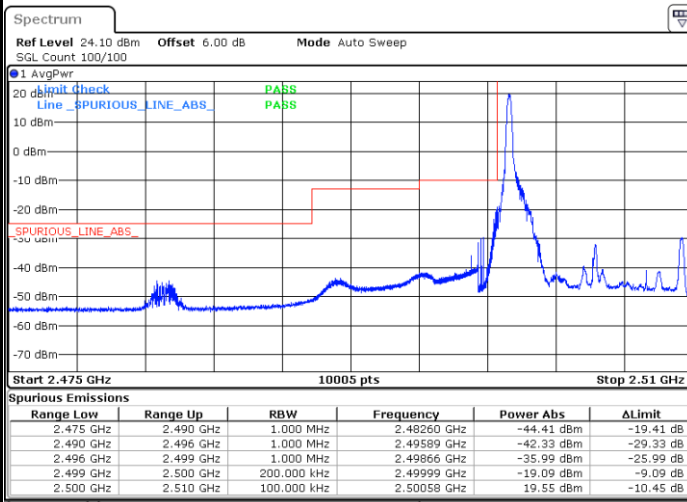


Date: 8 AUG 2020 13:57:04



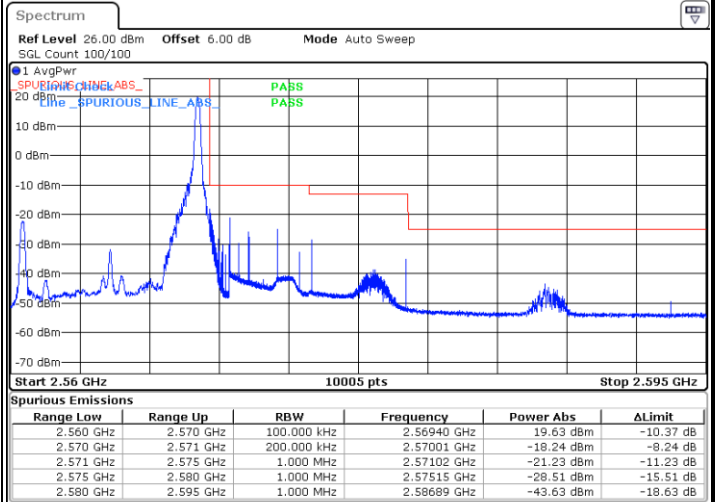
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



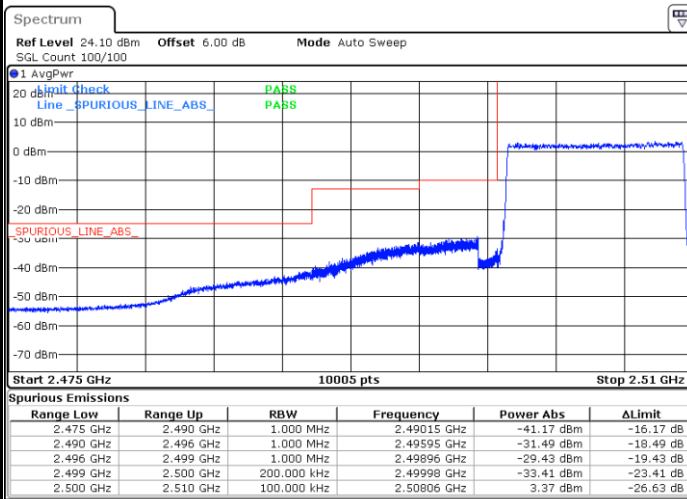
Date: 8 AUG 2020 13:58:47

Highest Band Edge / 1 RB



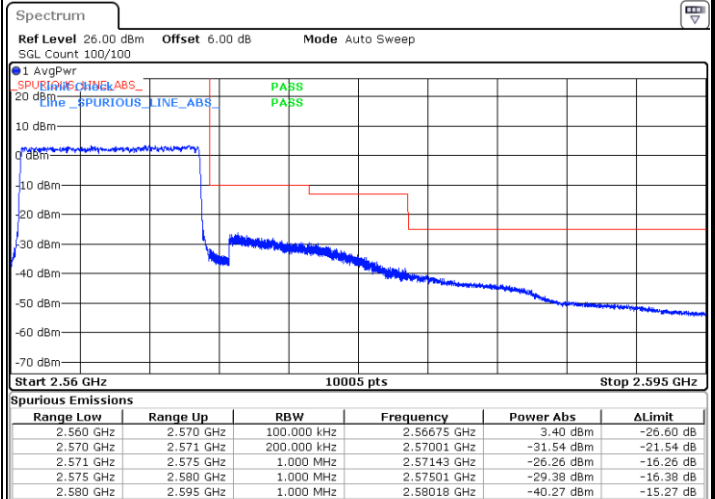
Date: 8 AUG 2020 15:10:46

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:00:43

Highest Band Edge / Full RB

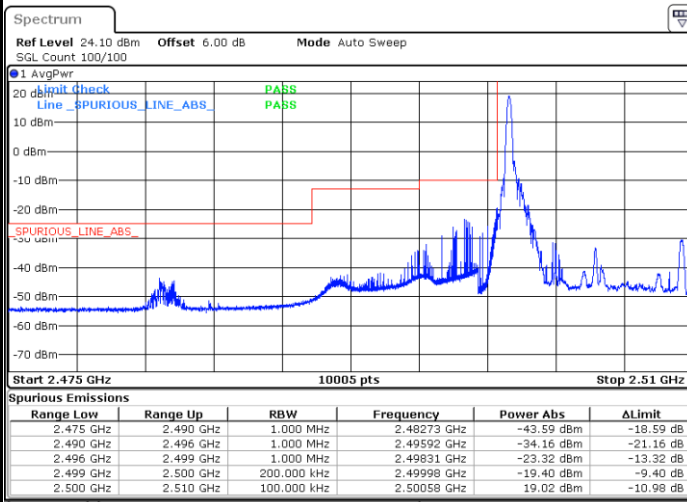


Date: 8 AUG 2020 14:06:04



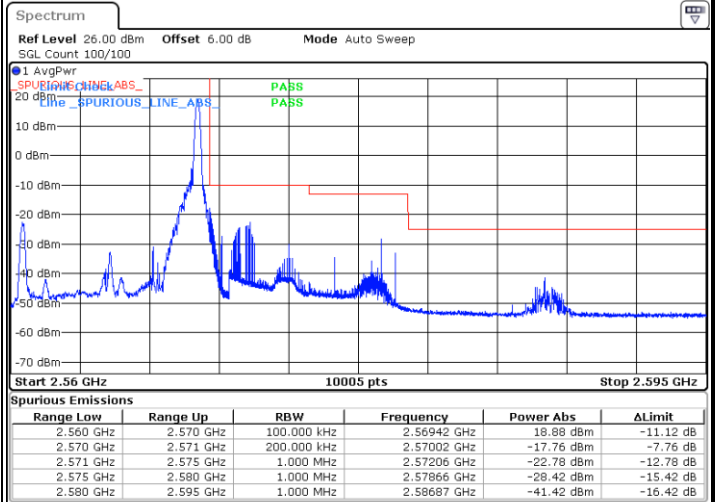
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



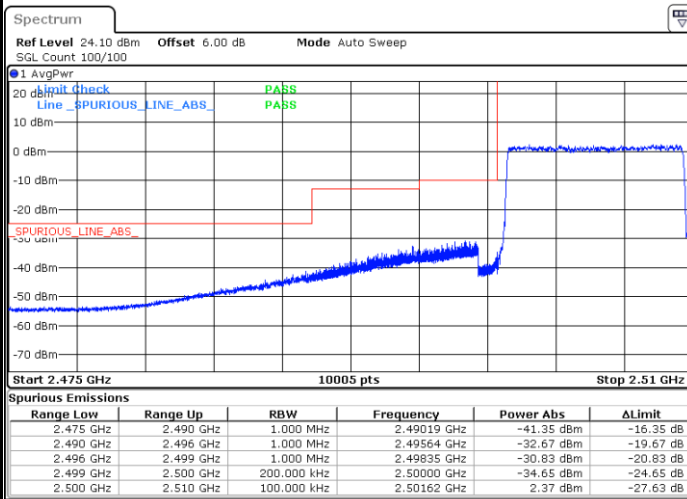
Date: 8 AUG 2020 13:59:45

Highest Band Edge / 1 RB



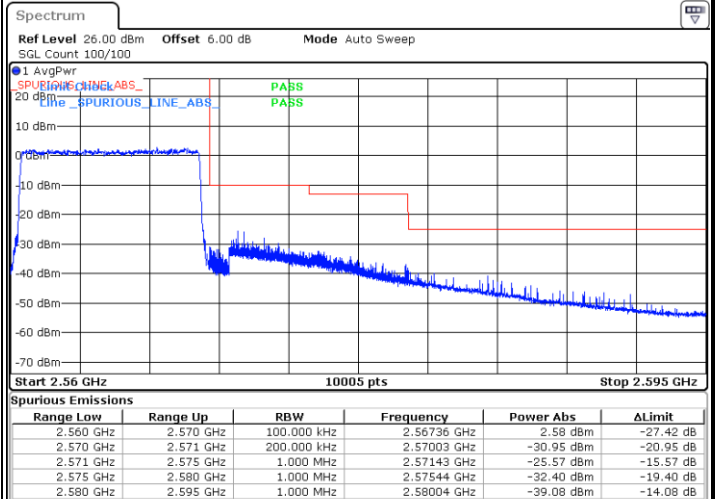
Date: 8 AUG 2020 14:05:06

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:01:40

Highest Band Edge / Full RB

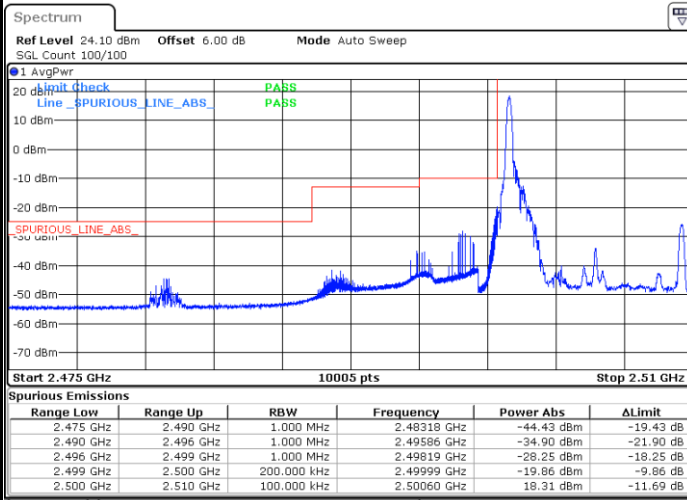


Date: 8 AUG 2020 14:07:02



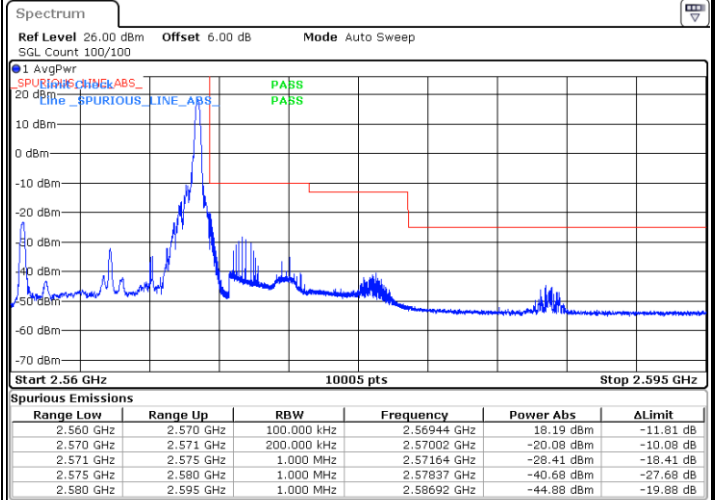
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



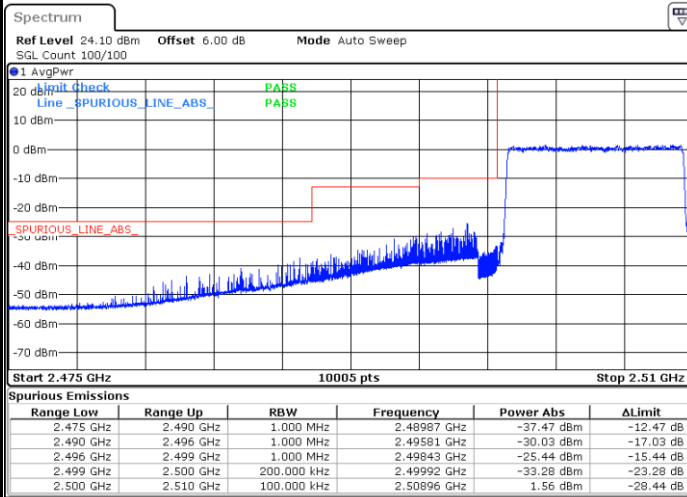
Date: 8 AUG 2020 14:08:23

Highest Band Edge / 1 RB



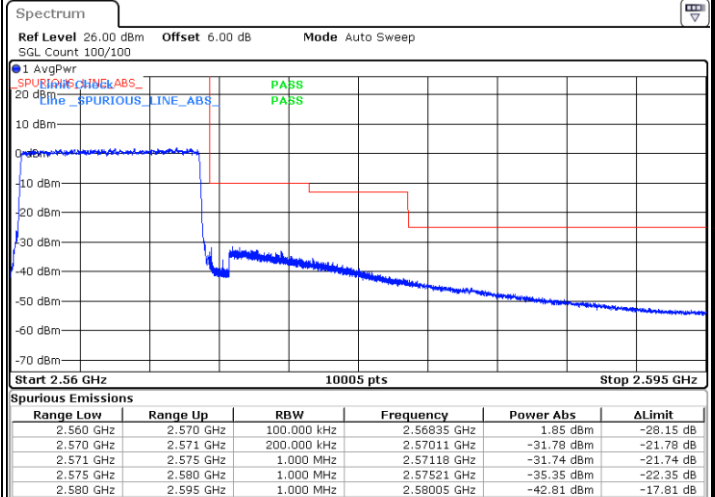
Date: 8 AUG 2020 14:11:04

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:09:21

Highest Band Edge / Full RB

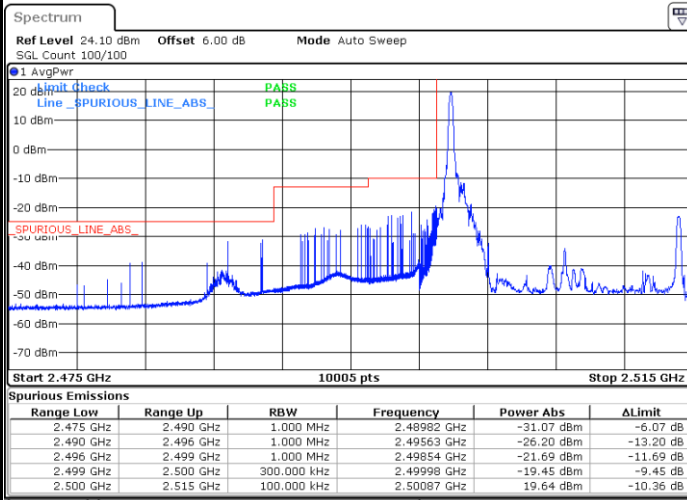


Date: 8 AUG 2020 14:12:02



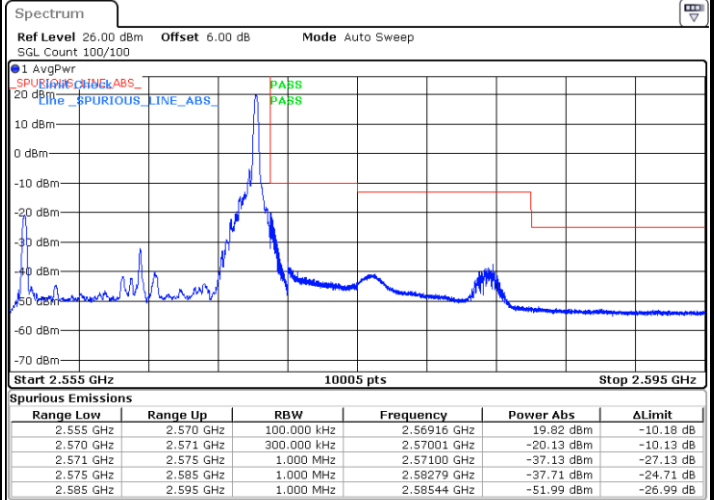
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



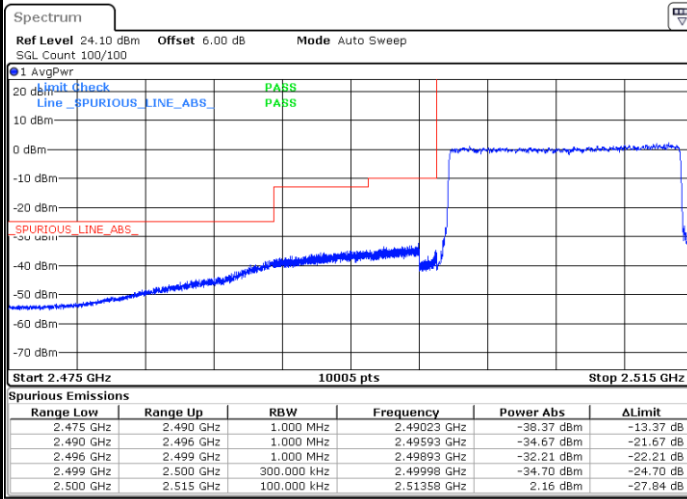
Date: 8 AUG.2020 15:12:44

Highest Band Edge / 1 RB



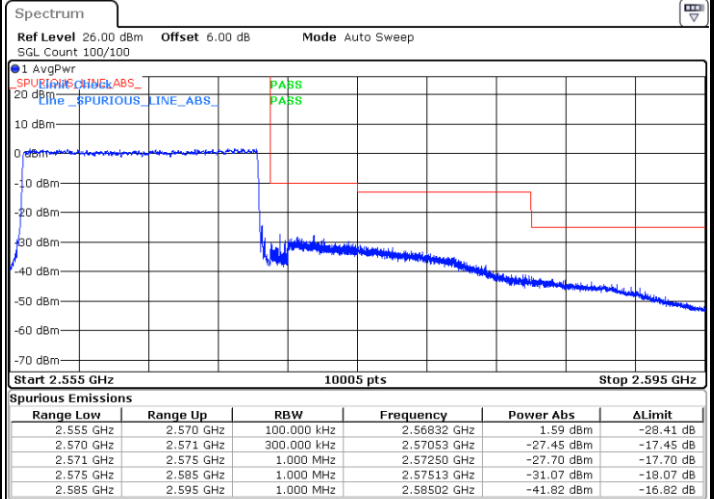
Date: 8 AUG.2020 14:19:10

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:15:42

Highest Band Edge / Full RB

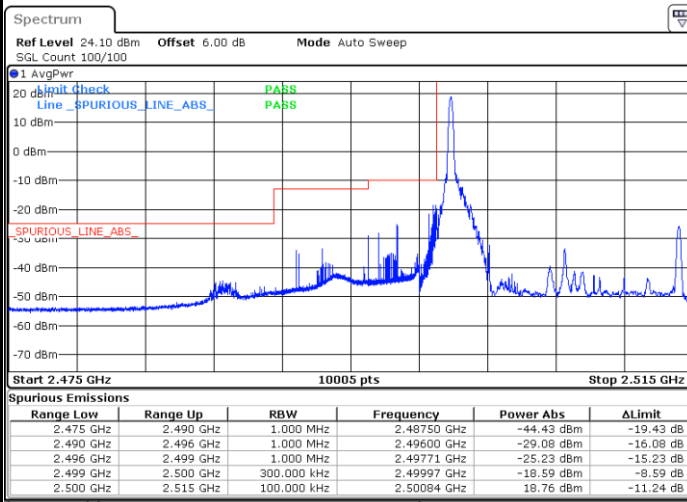


Date: 8 AUG.2020 14:21:05



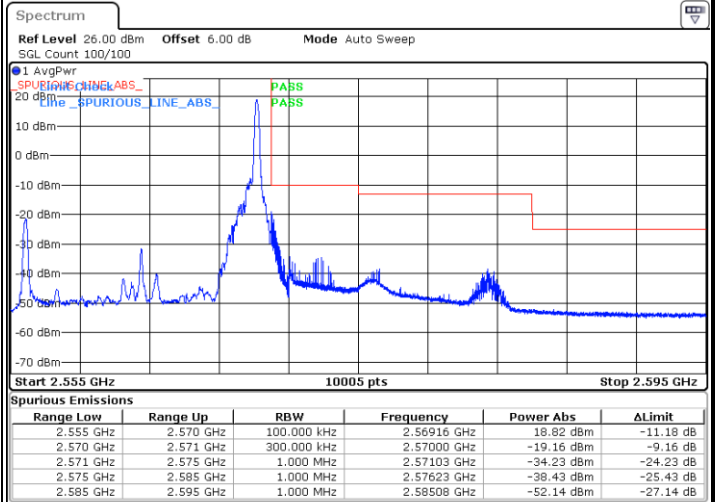
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



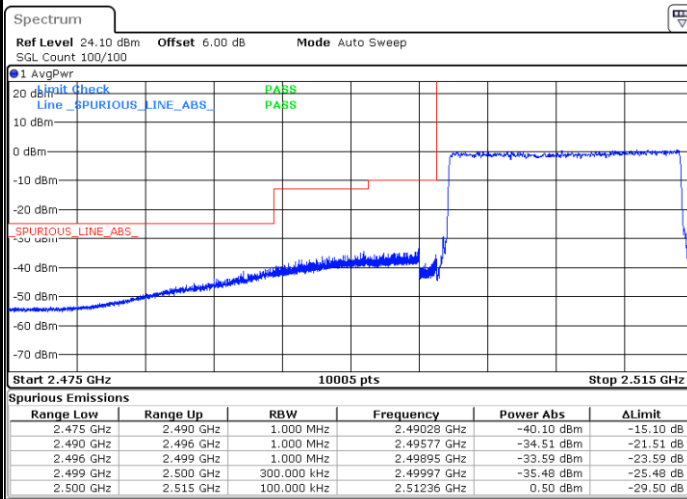
Date: 8 AUG.2020 14:14:44

Highest Band Edge / 1 RB



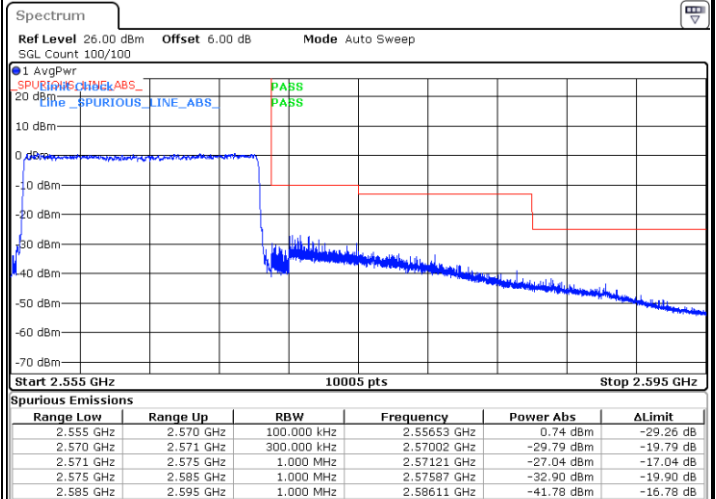
Date: 8 AUG.2020 14:20:08

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:16:41

Highest Band Edge / Full RB

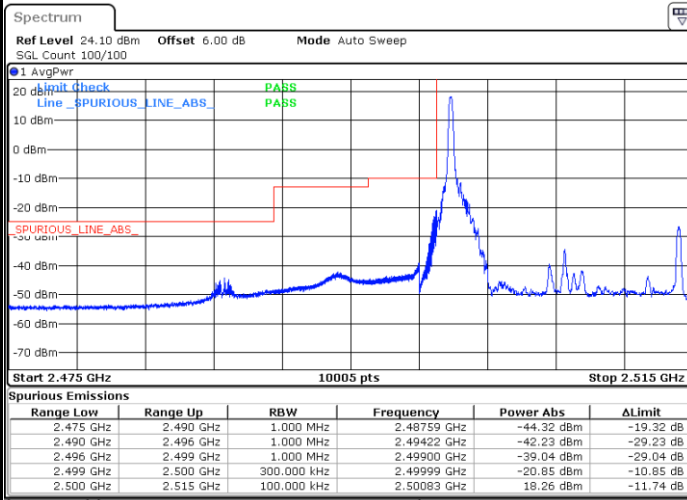


Date: 8 AUG.2020 14:22:03



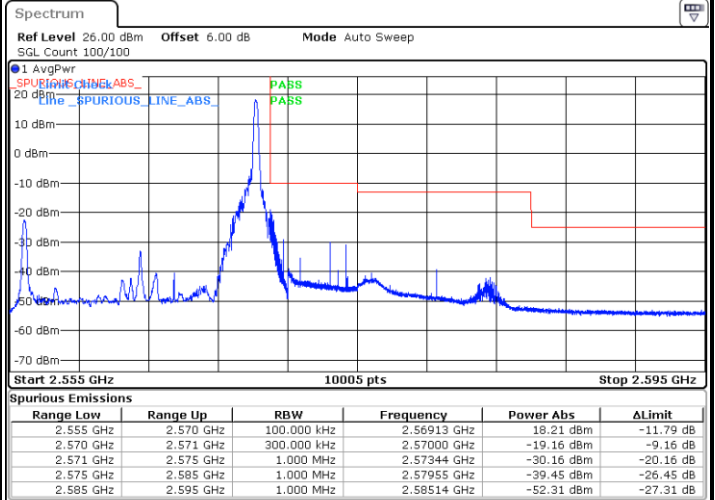
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



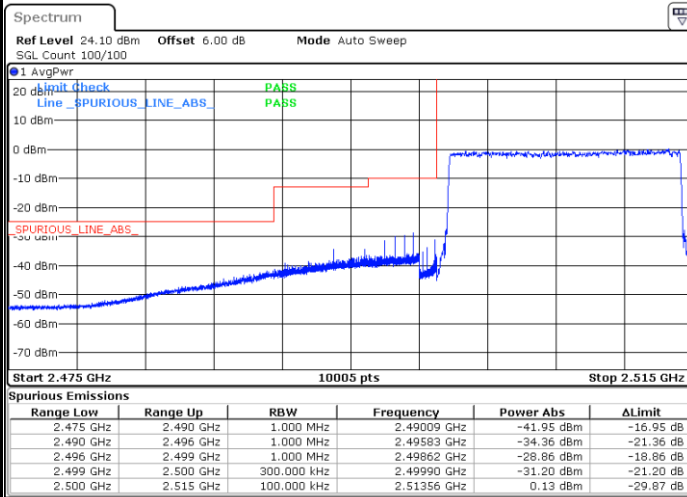
Date: 8 AUG 2020 14:23:25

Highest Band Edge / 1 RB



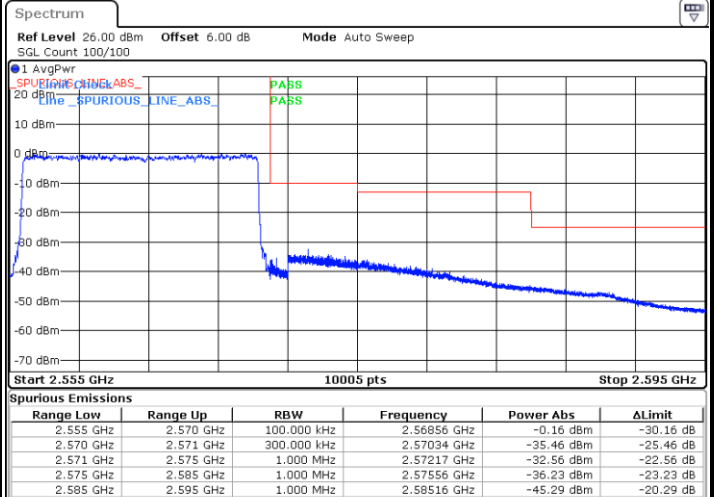
Date: 8 AUG 2020 14:26:06

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:24:23

Highest Band Edge / Full RB



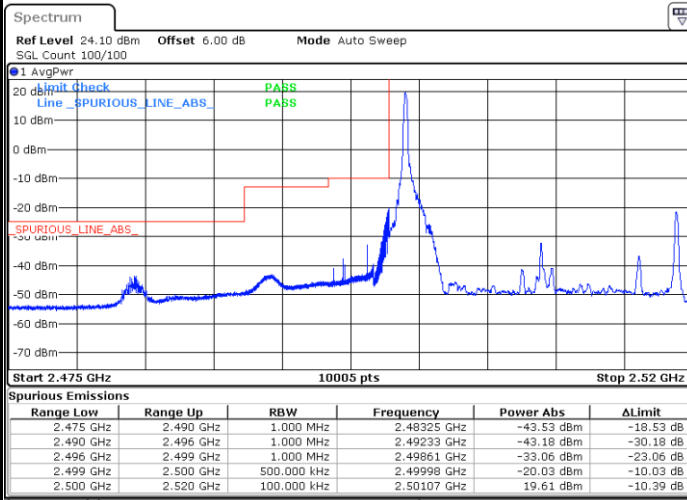
Date: 8 AUG 2020 14:27:04





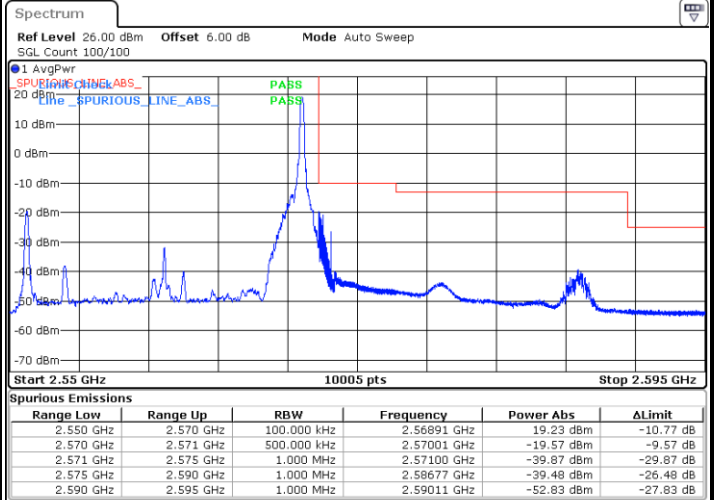
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



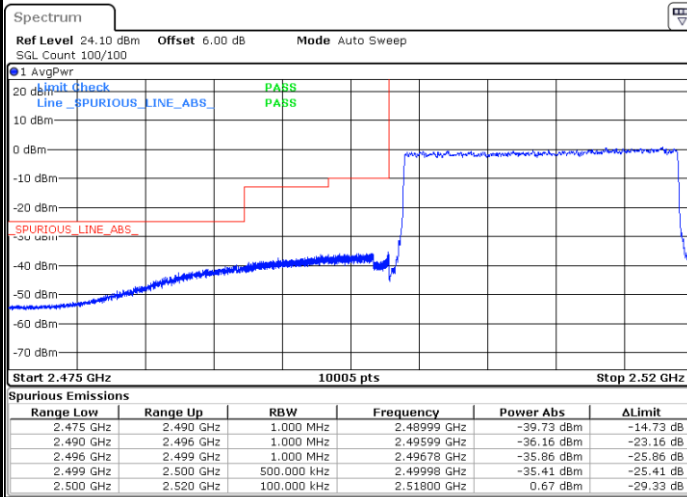
Date: 8 AUG 2020 14:38:06

Highest Band Edge / 1 RB



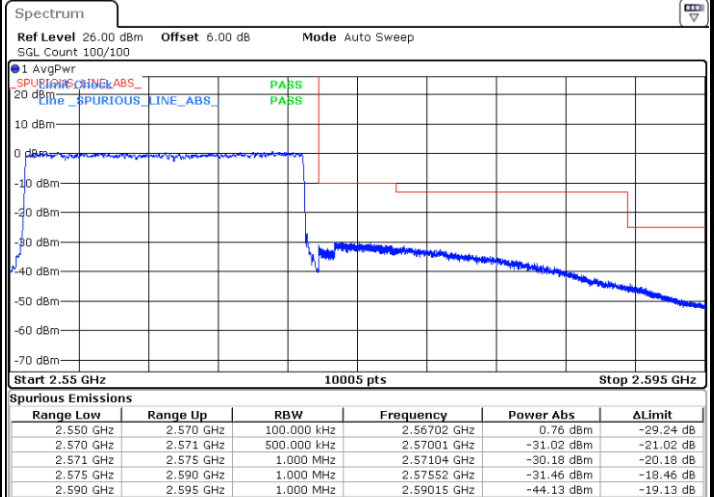
Date: 8 AUG 2020 14:48:42

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:40:02

Highest Band Edge / Full RB

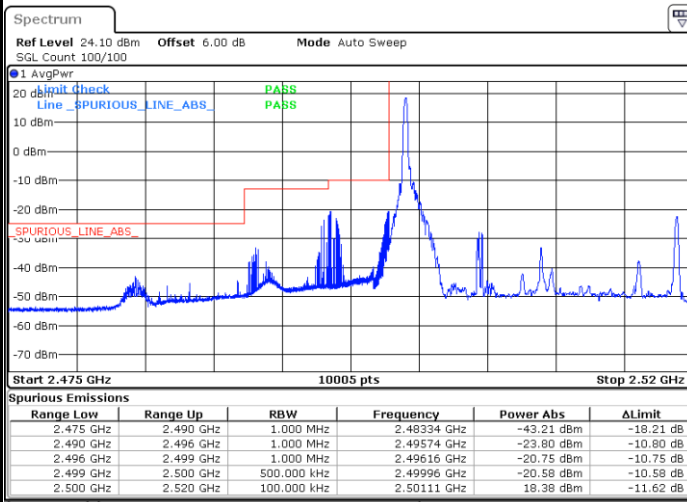


Date: 8 AUG 2020 14:51:36



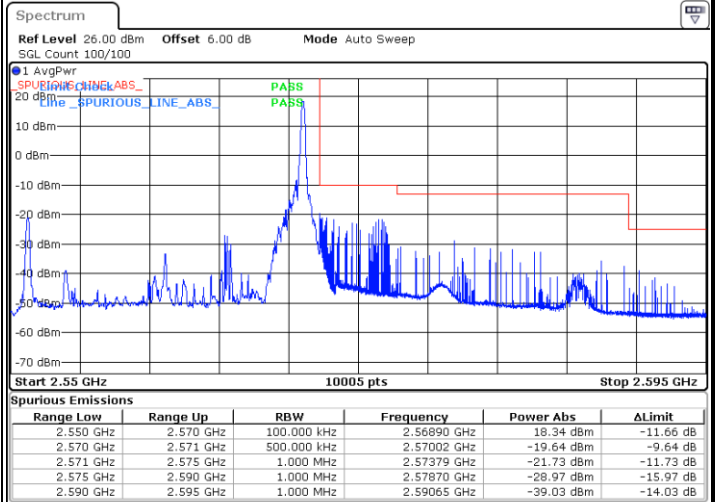
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



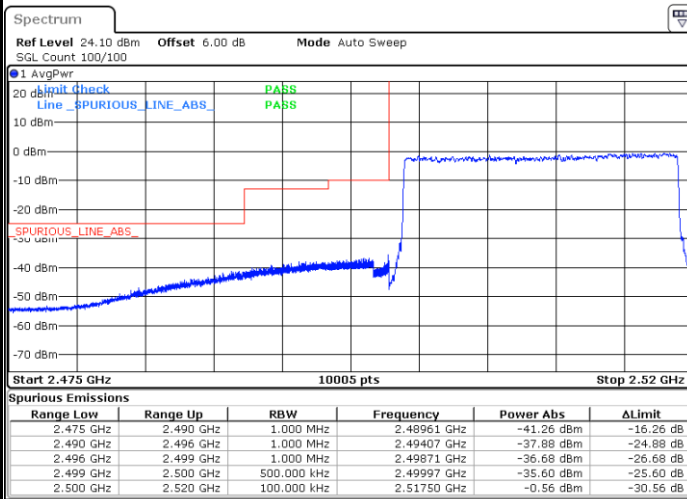
Date: 8 AUG 2020 14:39:04

Highest Band Edge / 1RB



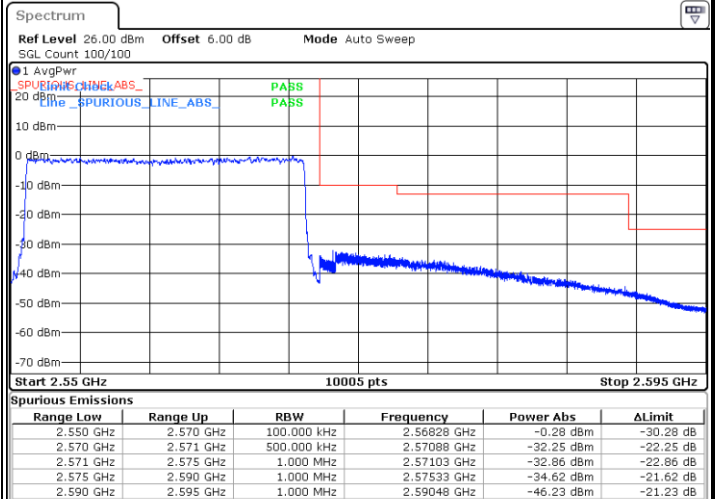
Date: 8 AUG 2020 14:49:40

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:41:01

Highest Band Edge / Full RB



Date: 8 AUG 2020 14:50:38